UNIVERSITY COLLEGE, LONDON.

REPORT OF THE COUNCIL,

FINANCIAL STATEMENTS,

AND

OTHER DOCUMENTS,

TO BE PRESENTED TO

THE MEMBERS OF THE COLLEGE

AT THE

ANNUAL GENERAL MEETING

ON

WEDNESDAY, 22nd FEBRUARY, 1905.

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OFFICERS OF THE COLLEGE.

President.—The Rt. Hon. LORD REAY, G.C.S.I., LL.D.
Vice-President.—The Rt. Hon. LORD MONKSWELL.
Treasurer.—*Sir RICHARD FARRANT.

COUNCIL.

THE PRESIDENT. THE VICE-PRESIDENT. THE TREASURER.

*Walter Baily, M.A.
H. R. Beeton.
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*Professor J. R. Bradford, M.D., D.Sc., F.R.S.†
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*H. A. Harben.
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Henry Lucas.
Professor Sidney Martin, M.D., F.R.S.
C. G. Montefiore.
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Sir John Rotton, M.A., LL.B., K.C.
*W. Arthur Sharpe.
*Professor E. H. Starling, M.D., B.S., F.R.C.P., F.R.S.
*A. Cotterell Tupp, B.A., LL.D.
William Wills.

AUDITORS.

George A. Aitken.
John Hennell, B.A.
Edwin Waterhouse, B.A., F.C.A. (*Professional*).

Principal.—T. GREGORY FOSTER, B.A., Ph.D.†

Lady Superintendent of Women Students. } Miss Rosa Morison.
Acting-Secretary.—W. W. Seton, M.A.

* Member of the Committee of Management.
† Fellow of the College.

SENATE.

President.—T. GREGORY FOSTER, B.A., Ph.D.*

Vice-Presidents.—The Rt. Hon. LORD MONKSWELL.†

Sir JOHN ROTTON, M.A., LL.B., K.C.†

	Appointed
T. W. ARNOLD, B.A.	1904
A. E. BARKER, F.R.C.S.†	1892
Sir THOMAS BARLOW, Bart., M.D., K.C.V.O.†	1896
J. F. BLUMHARDT, M.A.	1896
J. R. BRADFORD, M.D., F.R.S.*	1895
LOUIS M. BRANDIN, M.A., Ph.D.	1901
FREDK. BROWN †	1892
A. J. BUTLER, M.A.	1898
OSBERT CHADWICK †, M.Inst.C.E., M.Inst.M.E., C.M.G.	1898
J. NORMAN COLLIE, Ph.D., F.R.S.	1902
J. D. CORMACK, B.Sc., M.Inst.E.E.	1901
T. W. RHYS DAVIDS, LL.D., Ph.D.†	1882
J. A. FLEMING, M.A., D.Sc., F.R.S.*	1885
PERCY FLEMMING, B.S., F.R.C.S.	1904
H. S. FOXWELL, M.A.†	1881
E. A. GARDNER, M.A.†	1896
E. J. GARWOOD, M.A.	1901
R. J. GODLEE, M.B., M.S., F.R.C.S.*	1893
HERMANN GOLLANCZ, M.A., D.Litt.	1902
VAUGHAN HARLEY, M.D., M.R.C.P.†	1896
G. DAWES HICKS, M.A., Litt.D., Ph.D.	1904
M. J. M. HILL, M.A., D.Sc., F.R.S.*	1884
W. S. HOLDSWORTH, M.A.	1903
Sir V. A. H. HORSLEY, M.B., B.S., F.R.S.*	1900
A. E. HOUSMAN, M.A.†	1892
H. R. KENWOOD, M.B., B.S., D.P.H.	1904
W. P. KER, M.A., LL.D.†	1889
L. W. LYDE, M.A.	1903
Sir JOHN MACDONELL, M.A., LL.D., C.B.	1901
SIDNEY MARTIN, M.D., F.R.S.*	1896

* Fellow of the College. † Life Governor of the College.

	Appointed.
E. A. Minchin, M.A.	1899
F. C. Montague, M.A.*	1893
A. F. Murison, M.A., LL.D.†	1883
J. W. Neill †	1896
F. W. Oliver, M.A., D.Sc.*	1890
Karl Pearson, M.A., LL.B., F.R.S.†	1884
W. M. Flinders Petrie, D.C.L., LL.D.†	1892
J. Arthur Platt, M.A.†	1894
A. F. Pollard, M.A.	1903
J. P. Postgate, M.A., Litt.D.†	1880
R. Priebsch, Ph.D.†	1898
Sir W. Ramsay, K.C.B., LL.D., Ph.D., F.R.S.†	1887
E. J. Rapson, M.A.	1903
Carveth Read, M.A.	1903
F. T. Roberts, M.D., B.Sc.*	1880
J. Risien Russell, M.D., F.R.C.P.	1900
F. M. Simpson, F.R.I.B.A.	1903
H. R. Spencer, M.D., F.R.C.P.†	1893
H. J. Spenser, M.A., LL.D.	1903
E. H. Starling, M.D., F.R.C.P., F.R.S.‡	1899
G. D. Thane †	1877
F. T. Trouton, M.A., F.R.S.	1902
L. F. Vernon-Harcourt, M.A., M.Inst.C.E.†	1882
W. J. Whittaker, M.A., LL.B.	1901
C. E. Wilson, B.A.	1902

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* Fellow of the College. † Life Governor of the College.
‡ Governor of the College.

DEPARTMENTS AND STAFF.

(Corrected to February 1905.)

[The Names of Members of the respective Faculties are printed in SMALL CAPITALS.]

Faculty of Arts and Laws.

Dean.—Professor J. W. NEILL.
Vice-Dean.—Professor A. F. POLLARD.

Subject.	*Name.*	*Status.*
Æsthetics	J. Sully, M.A., LL.D.†	Lecturer.
Arabic	T. W. ARNOLD, B.A.	Professor.
Archæology	E. A. GARDNER, M.A.†	Yates Professor.
Architecture	F. M. SIMPSON, F.R.I.B.A.	Professor.
	A. G. James	Assistant.
	E. J. Burr	Instructor in Measuring.
	A. Buchanan	Demonstrator.
Assyriology	T. G. PINCHES, LL.D.	Lecturer.
Bengali	J. F. BLUMHARDT, M.A.	Reader.
Burmese	J. E. Bridges	Reader.
Economic Geography	L. W. LYDE, M.A.	Professor.
Egyptology	W. M. FLINDERS PETRIE, D.C.L., LL.D.†	Edwards Professor.
	W. E. Crum	Assistant.
English	W. P. KER, M.A., LL.D.†	Quain Professor.
	R. W. Chambers, M.A.*	Assistant Professor.
	T. Gregory Foster, B.A., Ph.D.*	Lecturer.
	J. H. G. Grattan, B.A.	Quain Student.
Fine Arts	FREDK. BROWN†	Slade Professor.
	H. Tonks	Assistant Professor.
	W. Russell	Assistant.
	P. W. Steer	Assistant Teacher.
	D. S. MacColl	Lecturer.
	G. Thompson	Lecturer.
French	LOUIS M. BRANDIN, M.A., Ph.D.	Fielden Professor.
	W. G. Hartog, B.A.	Assistant.
German	R. PRIEBSCH, Ph.D.†	Professor.
	J. G. ROBERTSON, M.A., B.Sc., Ph.D.	Professor.
	R. A. Williams, B.A., Ph.D.	Lecturer.
	J. Steppat, B.A., Ph.D.	Lecturer.
Greek	J. ARTHUR PLATT, M.A.†	Professor.
	L. Solomon, B.A.	Assistant.
Gujárati	S. A. Kapadia, M.D.	Reader.
Hebrew	HERMANN GOLLANCZ, M.A., D.Litt.	Goldsmid Professor.
Hindi / Hindustani	J. F. BLUMHARDT, M.A.	Reader. / Professor.
History	F. C. MONTAGUE, M.A.*	Astor Professor.
	E. S. Shuckburgh, Litt.D.	Assistant.

* Fellow of the College. † Life Governor of the College.

Subject.	*Name.*	*Status.*
History; Ancient Indian.	Romesh C. Dutt, C.I.E. ..	Lecturer.
„ ; Constitutional..	A. F. Pollard, M.A.	Professor.
History of India	J. W. Neill †	Lecturer.
Italian.....	A. J. Butler, M.A.....	Professor.
„ (Dante)	Rev. E. Moore, D.D.	Barlow Lecturer.
Jurisprudence.....	A. F. Murison, M.A., LL.D.†	Professor.
Latin	A. E. Housman, M.A.† ..	Professor.
	L. Solomon, B.A.	Assistant.
Law; Comparative	Sir John Macdonell, M.A., LL.D., C.B.	Quain Professor.
„ ; Constitutional....	W. S. Holdsworth, M.A..	Professor.
„ ; English, including Industrial and Commercial.	W. J. Whittaker, M.A., LL.B.	Professor.
„ ; Indian	J. W. Neill †	Professor.
„ ; Roman.....	A.F.Murison, M.A.,LL.D.†	Professor.
Marathi	J. W. Neill †	Reader.
Mathematics and Mechanics; Applied.	Karl Pearson, M.A., LL.B., F.R.S.†	Professor.
	J. Blakeman	Assistant.
	A. F. C. Pollard.....	Assistant.
	E.Sprague,Assoc.M.Inst.C.E.	Assistant.
	M. T. Ormsby.....	Assistant.
Mathematics (Pure)	M. J. M. Hill, M.A., D.Sc., F.R.S.*	Astor Professor.
	L. N. G. Filon, M.A., D.Sc.*	Lecturer.
	H. J. Harris, B.A.	Assistant.
	J. H. Dibb, B.Sc.	Assistant.
Pali and Buddhist Literature.	T. W. Rhys Davids, LL.D., Ph.D.†	Professor.
Persian	C. E. Wilson, B.A.	Professor.
Philology; Comparative.	J. P. Postgate, M.A., Litt.D.†	Professor.
„ ; Germanic ..	R. Priebsch, Ph.D.	Professor.
„ ; Romance ..	Louis M. Brandin, M.A., Ph.D.	Professor.
Philosophy	Carveth Read, M.A.	Grote Professor (Mind and Logic).
	G. Dawes Hicks, M.A., Litt.D., Ph.D.	Professor (Moral).
	C. A. Ginever, B.A.	Assistant.
	A. Wolf, M.A.*	Assistant.
Phonetics	E. R. Edwards, D.Litt.....	Lecturer.
Political Economy.....	H. S. Foxwell, M.A.†....	Professor.
	C. P. Sanger, M.A.	Assistant Professor.
	G. Udny Yule †	Newmarch Lecturer.
	A. Kahn, M.A.	Lecturer(Commercial Methods).
	P.Wicksteed,M.A. ..	Jevons Memorial Lecturer.
Psychology; Experimental	W. McDougall, M.A., M.B.	Reader.
Sanskrit	E. J. Rapson, M.A.	Professor.
Semitic (North) Epigraphy.	H. Hirschfeld, Ph.D.	Lecturer.
Tamil and Telugu	R. W. Frazer, B.A., LL.B.	Reader.

* Fellow of the College. † Life Governor of the College.

Faculty of Science.

Dean.—Professor J. D. Cormack.
Vice-Dean.—Professor F. T. Trouton.

Subject.	*Name.*	*Status.*
Botany	F. W. Oliver, M.A., D.Sc.*	Quain Professor.
	A. G. Tansley, M.A.*	Assistant Professor.
	F. E. Fritsch, B.Sc., Ph.D.	Assistant.
	W. C. Worsdell, F.L.S.	Assistant.
	Agnes Robertson, B.Sc.	Quain Student.
Chemistry; Inorganic	Sir W. Ramsay, K.C.B., LL.D., Ph.D., F.R.S.†	Professor.
Chemistry; Organic	J. Norman Collie, Ph.D., F.R.S.	Professor
	E. C. C. Baly, F.I.C.	Assistant Professor.
	J. K. H. Inglis, B.Sc., M.A.	Assistant.
	Samuel Smiles, D.Sc.*	Assistant.
	N. T. M. Wilsmore, M.Sc.	Assistant.
	W. St. J. Alton	Hon. Demonstrator.
	E. Atkinson	Hon. Demonstrator.
	L. F. Guttmann, Ph.D.	Hon. Demonstrator.
	R. Le Rossignol	Demonstrator.
	S. H. Wood	Demonstrator.
Engineering; Civil, and Surveying.	L. F. Vernon-Harcourt, M.A., M.Inst.C.E.†	Professor.
	M. T. Ormsby	Assistant for Surveying.
Engineering; Electrical	J. A. Fleming, M.A., D.Sc., F.R.S.*	Pender Professor.
	W. C. Clinton, B.Sc., A.M.Inst.E.E.	Demonstrator.
Engineering; Mechanical.	J. D. Cormack, B.Sc., M.Inst.E.E.	Professor.
	E. M. Eden, Assoc.M.Inst. C.E.	Assistant.
	E. Sprague, Assoc.M.Inst. C.E.	Assistant.
	H. P. Philpot	Drawing-Office Assistant.
Engineering; Municipal	Osbert Chadwick, M.Inst. C.E., M.Inst.M.E., C.M.G.†	Edwin Chadwick Professor.
	R. Middleton, M.Inst.C.E.	Lecturer.
	M. T. Ormsby	Assistant.
Geology, Physical Geography, and Mineralogy.	E. J. Garwood, M.A.	Yates-Goldsmid Professor.
	Edith Goodyear, B.Sc.	Museum Assistant.
Hygiene and Public Health.	H. R. Kenwood, M.B., D.P.H., F.C.S.	Chadwick Professor.
	C. Childs, M.A., M.D., D.P.H.	Lecturer.
	G. E. Richmond, B.A., M.D., D.P.H.	Demonstrator.
Pathological Chemistry	Vaughan Harley, M.D., M.R.C.P.†	Professor.
	F. W. Goodbody, M.D., M.R.C.P.	Assistant Professor.

* Fellow of the College. † Life Governor of the College.

Subject.	*Name.*	*Status.*
Pathology and Morbid Anatomy.	SIDNEY MARTIN, M.D., F.R.S.*	Professor.
	D. N. Nabarro, M.D., B.Sc., D.P.H.*	Assistant Professor.
	H. Batty Shaw, M.D., B.Sc., F.R.C.S.*	Assistant.
Physics	F. T. TROUTON, M.A., F.R.S.	Quain Professor.
	A. W. Porter, B.Sc.*	Assistant Professor.
	N. Eumorfopoulos, B.Sc.*..	Demonstrator.
	A. O. Rankine, B.Sc.	Assistant.
Physiology	E. H. STARLING, M.D., B.S., F.R.C.P., F.R.S.‡	Jodrell Professor.
	W. M. Bayliss, M.A., D.Sc., F.R.S.*	Assistant Professor.
	J. M. Hamill	Assistant & Sharpey Scholar.
	R. H. Aders Plimmer, D.Sc.	Assistant.
	J. H. Parsons, M.D., F.R.C.S.	Lecturer (Physiological Optics).
	W. Page May, M.D., D.Sc., F.R.C.P.*	Lecturer (Physiology of Nervous System).
	S. B. Schryver, D.Sc.	Lecturer (Physiological Chemistry).
Spectroscopy	E. C. C. Baly, F.I.C.	Lecturer.
Zoology and Comparative Anatomy.	E. A. MINCHIN, M.A.	Jodrell Professor.
	G. C. Chubb, B.Sc.	Assistant.
	W. N. F. Woodland	Derby Scholar.

[The Professors of Anatomy, Architecture, Economic Geography, Egyptology, Mathematics, Applied Mathematics and Mechanics, Philosophy of Mind and Logic, and Political Economy are also Members of this Faculty.]

Faculty of Medicine.

Dean.—Professor SIDNEY MARTIN.
Vice-Dean.—Professor J. RISIEN RUSSELL.
Sub-Dean.—Dr. F. J. POYNTON.

Subject.	*Name.*	*Status.*
Anæsthetics	D. W. Buxton, M.D., B.S., M.R.C.P.†	Anæsthetist.
Anatomy.....	G. D. THANE †	Professor.
	P. M. Heath, M.B., F.R.C.S.	Demonstrator.
	G. B. M. White, M.B., B.S., F.R.C.S.	Demonstrator.
	C. E. Reynolds, M.R.C.S., L.R.C.P.	Assistant Demonstrators.
	A. B. Rooke	Assistant Demonstrators.
Clinical Dental Surgery..	SIDNEY SPOKES, M.R.C.S...	Lecturer.
Clinical Dermatology ..	H. RADCLIFFE CROCKER, M.D., F.R.C.P.	Physician.
Clinical Medicine	F. T. ROBERTS, M.D., F.R.C.P., B.Sc.*	Holme Professor.
	Sir THOMAS BARLOW, Bart., M.D., K.C.V.O.†	Professor.

* Fellow of the College. † Life Governor of the College.
‡ Governor of the College.

Subject.	*Name.*	*Status.*
Clinical Medicine (*cont.*)	J. R. Bradford, M.D., D.Sc., F.R.C.P., F.R.S.*	Professor.
	Sidney Martin, M.D., F.R.C.P., F.R.S.*	Professor.
	J. Risien Russell, M.D., F.R.C.P.	Assistant Physician.
	H. Batty Shaw, M.D., B.S., F.R.C.S.*	Assistant Physician.
	F. J. Poynton, M.D., F.R.C.P.	Assistant Physician.
Clinical Midwifery	H. R. Spencer, M.D., F.R.C.P.†	Professor.
	G. F. Blacker, M.D., B.S., F.R.C.P., F.R.C.S.*	Physician.
Clinical Ophthalmic Surgery.	Percy Flemming, M.D., B.S., F.R.C.S.*	Professor.
	J. H. Parsons, M.B., B.S., D.Sc., F.R.C.S.	Assistant Surgeon.
Clinical Surgery.....	R. J. Godlee, M.B., M.S., F.R.C.S.*	Holme Professor.
	A. E. Barker, F.R.C.S.†..	Professor.
	Sir Victor Horsley, M.B., B.S., F.R.C.S., F.R.S.*	Professor.
	Bilton Pollard, B.S., F.R.C.S.†	Assistant Professor.
	Raymond Johnson, M.B., B.S., F.R.C.S.*	Assistant Professor.
	T. R. H. Bucknall, M.D., M.S., F.R.C.S.*	Assistant Surgeon.
Medical Jurisprudence ..	J. Risien Russell, M.D., F.R.C.P.	Professor.
Medicine.....	J. R. Bradford, M.D., D.Sc., F.R.S.*	Professor.
Mental Physiology	W. J. Mickle, M.D., F.R.C.P.	Lecturer.
Midwifery	H. R. Spencer, M.D., F.R.C.P.†	Professor.
Operative Surgery.....	Bilton Pollard, B.S., F.R.C.S.†	Teacher.
Ophthalmic Medicine and Surgery.	Percy Flemming, M.D., B.S., F.R.C.S.*	Professor.
Pharmacology and Materia Medica.	Arthur R. Cushny, M.A., M.D.	Professor.
Practical Pharmacy	R. R. Bennett, Ph.C., M.P.S.	Teacher.
Practical Surgery	T. R. H. Bucknall, M.D., M.S., F.R.C.S.*	Teacher.
	Bilton Pollard, B.S., F.R.C.S.†	Teacher.
	Raymond Johnson, M.B., B.S., F.R.C.S.*	Teacher.
		Teacher.
Surgery	A. E. Barker, F.R.C.S.†..	Professor.
Therapeutics	H. Batty Shaw, M.D., M.R.C.P.*	Lecturer.

[The Professors of Botany, Chemistry, Hygiene & Public Health, Pathology & Morbid Anatomy, Physics, Physiology, and Zoology & Comparative Anatomy are also Members of this Faculty.]

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* Fellow of the College. † Life Governor of the College.

REPORT OF COUNCIL

To the Members, at the Annual General Meeting, Wednesday, February 22nd, 1905.

I. PUPILS AND FEES.

SESSION 1903–1904.

The total number of Pupils during this Session was 1690, being a decrease of 11 on that of the preceding Session. Of these 1246 were Students in the College, and 444 Pupils in the School. Of the Students, 263 belonged to the Faculty of Medicine, 98 being new Students: in the Faculties of Arts and Laws and of Science there were 875 Students, 495 being new Students: 387 Students were registered as "Internal" Students of the University of London: 108 Students were registered as Post-Graduate and Research Students. The largest number of Boys in the School in any one Term was 383.

In the Faculties of Arts and Laws and of Science these figures show, as compared with the preceding Session, a decrease of 22 in the new Students and a total increase of 62; and in the Faculty of Medicine an increase of 7 in the new Students, and a total decrease of 24.

The Fees received (exclusive of those for Clinical Instruction) amounted to £25,745 3*s.* 6*d.*, being £226 19*s.* 0*d.* more than in the Session 1902–1903.

The total fees for the two Sessions compared were as follows:—

	1903–1904.			1902–1903.		
	£	*s.*	*d.*	£	*s.*	*d.*
Faculty of Medicine	3,070	14	6	3,383	12	6
Faculties of Arts and Laws and of Science	14,422	10	0	13,372	7	0
School	8,251	19	0	8,762	5	0
	£25,745	3	6	£25,518	4	6

In addition to the above-stated amounts, the sum of £1,242 3*s.* 0*d.* was received for Clinical Instruction in the Hospital, making a total of £4,312 17*s.* 6*d.* paid by Students of the Faculty of Medicine, being £506 2*s.* 0*d.* less than the Session 1902–1903.

THE CURRENT SESSION.

The entries of Students to February 1st, 1905, have been as follows:—in the Faculty of Medicine, 196, of whom 49 are new Students; in the Faculties of Arts and Laws and of Science, 885, of whom 417 are new Students.

The entries in the School, in Michaelmas Term, were 378, of whom 84 were new pupils; in the present Term, 379, of whom 36 were new pupils; adding the 72 Boys in the Branch School at Hampstead, this makes 451 in all.

The College Fees received to February 1st are £1977 3*s.* 0*d.* in the Faculty of Medicine, and £12,369 0*s.* 0*d.* in the Faculties of Arts and Laws and of Science. This shows an increase of £1817 11*s.* 0*d.* as compared with the same date of last Session.

II. GENERAL FINANCES.

Financial Year 1903–1904.

Income and Expenditure.

The excess of expenditure over income for the financial year ending August 31st, 1904, was £1940. This is £940 more than was anticipated in the estimates. The discrepancy between the estimates and the realised deficiency is accounted for as follows:—The income is £710 less, while the net expenditure is £231 more than was anticipated. The main falling off in income is due to the School Tuition Fees, which are £450 less than the estimates. The College Fees are £100 less than the estimates, and the Hospital Fees £150 less, while there is a decline in the Dividends from Invested Funds of £65 as compared with the estimates.

On the expenditure side the realised expenditure, under various items, of which School Salaries (£410) was the most important, was less by £749 than the estimates, while under other items there were increases over the estimates amounting to £980. These were chiefly in the new Drainage works, where the actual expenditure exceeded the estimates by £400.

Under the head of Additions and Alterations the actual expenditure exceeded the estimates by £200

Assistants' Salaries, Grants, etc.	,,	,,	£150
Advertising, Printing & Stationery	,,	,,	£80
Salaries of the Administrative Staff	,,	,,	£60

The increase of £1040 in Assistants' Salaries and Grants etc., is due to the need for new equipment in several departments and to the increase in the number of students, which makes additional assistants and apparatus necessary.

The excess of expenditure over receipts is practically the sum of the Interest on Loan £807, and the cost of the New Drainage Works £1081.

Annual Subscriptions.

In response to the Appeal for Annual Subscriptions issued February 1901, the Council received during the year Subscriptions (for list see pp. 56 & 57) amounting to £710 17*s.* 0*d.*, of which £283 10*s.* 0*d.* was for special departments and £427 7*s.* 0*d.* was for general purposes.

Donations and Grants.

Donations amounting to £109 were received (see p. 56).

The College shared, to the extent of £3000, in the annual grant made by Parliament to University Colleges.

The London County Council continued their grant of £1500 and made supplementary payments of £334 3*s.* 9*d.*, being part of the grant of £500 for equipment, and of £1280 in consideration of additional free places.

Loans.

The loan from the Bankers (£30,000) was paid off by the Drapers' Company Donation on August 5th. The debt to the Trust Funds has been diminished by £605 16*s.* 1*d.* The amount borrowed from the Equipment and Endowment Fund Committee at the end of the financial year amounted to £5500, an increase of £1300 made necessary by the excess of expenditure over income.

The Current Financial Year.

The budget for the year has been framed with every economy consistent with efficiency.

During the last long vacation the third part of the reconstruction of the sanitary arrangements has been carried out at a cost of about £1200, and this will be a charge on the ordinary expenditure of the year.

The Treasury Committee appointed to consider the allocation of the increased Parliamentary grant have issued their first report. The College share is increased from £3000 to £4000 and an additional grant of £1000 is made for the year 1904–05.

The permanent allocation of the balance of the increased grant will be made the subject of a further report by the Treasury Committee.

In view of the increased grant, of the additional increase still hoped for, and of the freedom from the debt to the Bankers, the Council hope to be in a position to re-equip some of the departments that are specially in need of it and satisfactorily to re-arrange the finances of the College.

The importance of maintaining and increasing the list of annual subscriptions must again be emphasised.

III. SCHOLARSHIPS AND OTHER DISTINCTIONS AWARDED IN THE COLLEGE *.

A. *FACULTIES OF ARTS AND LAWS AND OF SCIENCE.*

Slade Fine Art Scholarships (£35 per annum for two years):—R. E. Schwabe, W. I. Strang.

Melvill Nettleship Prize for Figure Composition:—Ethel Carrick.

Slade Fine Art Prize for Composition (£25):—Harold Oakley.

Andrews Entrance Scholarships (£30):—

English History and Languages, H. D. Vigor.
Science, H. E. Watson.
Classics, *J. Meek.*

Andrews Scholarships for Students of one year's standing (£20):—

Classics, A. W. H. Gibson Taylor.
Modern Languages, L. A. Willoughby.
Science, F. Baker.

Jews' Commemoration Scholarship (£15 per annum for two years):—E. R. Chrystall.

Quain Law.—Professor's Prize of £15 for an Essay on "The Nature and Limits of the Protection given by States in Recent Times to their Subjects in Foreign Countries":—F. B. Brook; and the Prize of £5, M. S. Nathan.

Joseph Hume Scholarship in Jurisprudence (£20):—H. Snowman.

* Names printed in *italics* are those of former pupils of University College School.

Campbell Clarke Scholarship, about £40 a year, tenable for two years:—Gerald Gould.

Clothworkers' Exhibitions (£30 each):—
Chemistry, W. G. Winterson.
Physics, S. Russ.

Mayer de Rothschild Research Scholarship in Mathematics (£30):—J. H. Dibb, H. B. Heywood.

Tuffnell Scholarship, Chemistry (£80 per annum for two years):—F. Sproxton.

Fielden Research Scholarship in German:—*A. H. Richards.*

Hollier Scholarship (£30 each):—
Hebrew, *D. Pool*, B. Halper.

Heimann Medal, German:—*A. H. Richards.*

Morley Medal, English:—Gerald Gould.

Malden Medal and Scholarship of £20:—Frances Brough.

Quain Studentships:—English (£150 per annum), J. H. G. Grattan, B.A.; Biology (£100 per annum), Agnes Robertson, B.Sc.

1851 Exhibition Science Scholarship (£150):—H. R. Noble, B.Sc.

Schäfer Prize in Physiology (about £18):—H. H. Dale.

Derby Zoological Scholarship (£120):—W. N. F. Woodland.

Chadwick Scholarship in Municipal Engineering (£100):—F. G. Helsby.

David Hughes Scholarship in Electrical Engineering:—J. S. Westerdale.

B. *FACULTY OF MEDICINE.*

Atchison Scholarship (£55 per annum for two years):—Thomas Lewis.

Atkinson Morley Surgical Scholarship (£45 per annum for three years):—G. Hall.

Bruce Medal:—Thomas Lewis.

Fellowes Gold Medals:—H. M. Davies, N. C. Fletcher.

Erichsen Prize:—H. T. Mant.

Filliter Exhibition (£30):—J. A. Watt.

Tuke Silver Medal:—J. A. Watt.

SHARPEY PHYSIOLOGICAL SCHOLARSHIP :—

H. H. Dale (1904).

J. M. Hamill (from Oct. 1904).

MEDICAL ENTRANCE EXHIBITIONS AND SCHOLARSHIPS :—

BUCKNILL SCHOLARSHIP £30 a year for 4 years ..... H. L. Tasker.

£63, A. R. S. Alexander.

£84, Otto May.

IV. DEGREES AND EXAMINATIONS FOR DEGREES. UNIVERSITY OF LONDON.

January 1*st to December* 31*st*, 1904.

Examination.	No. passed from University College.	No. from Univ. Coll. in Honours or First Division.
Matriculation	46*	19
†Inter. Arts	28	
†Inter. Sci.	25	1‡
†Inter. Sci., Engineering	6	
†Inter. Sci., Economics	1	
Prelim. Sci. (M.B.) (*Entire*) .	4	
Inter. Law	0	
Inter. Med.	3	
B.A.	4	3
B.Sc.	15	11
B.Sc. (Engineering)	2	
M.B., B.S.	15	3
B.S. (alone).....	8	1
M.A.	9	
M.D.	6	
D.Sc.	3	
MS.	1	

* 39 of these were from the School.

† Under the new Internal regulations there is no division into Classes at the Intermediate stage.

‡ Passed the External Examination.

V. HONOURS.

UNIVERSITY OF LONDON.

January 1*st to December* 31*st*, 1904.

Examination.	Subject.	Name of successful Candidate from University College.	Class.
B.A.	Classics	Cavenagh, F. A.	II
	French	Wace, Hilda L.	I
B.Sc.	Exper. Physics.	Metcalfe, E. P.....	I
		Rankine, A. O.....	I
		Kann, J. H. C......	III
	Chemistry.....	Colles, W. M.	II
		Girvan, A. F.	II
	Zoology.....	Fantham, H. B.	II
	Mathematics...	Gibson, Winifred.....	III
	Botany	Prankerd, Theodora L. .	I
		Ridgeway, Alice R.	I
		Morris, Ethel H.	II
		Smith, Winifred	II
M.B., B.S....	Medicine	Mant, H. T.....	
	Pathology and Surgery.	Mant, H. T.....	
	Forensic Medicine.	Sweet, W. S.....	
		White, C. S.....	
B.S.	.....	Gray, A. M. H.	
D.Sc.	Physiology ...	Bainbridge, F. A.	
		Parsons, J. H., M.B., B.S.	
		Row, R., M.D.....	
M.A.	Branch I. ..... (Classics.) ...	Hopkins, Beatrice L. ...	
		Savúnddranâyagam, A.P.	
	Branch III. ... (English.)	Brough, Frances M. ...	
	Branch IV. ... (French.)	Richards, J. W.	

HONOURS (*continued*).

Examination.	Subject.	Name of successful Candidate from University College.	Class.
M.A. (*cont.*)	Branch IV. ... (German.)	Low, Constance B.	
	(German & French.)	Power, Mary D.	
	Branch V..... (History.)	Scott, Jessie W.	
	Branch VI. ... (Mental & Moral Science.)	Dumville, B.....	
M.D.	.....	Burt, J. B.	
		Coplans, M.	
		Hopkins, L. G.....	
		Ricketts, A.	
		Short, A. R., B.S., B.Sc.	(*Gold Medal.*)
		Wirgmann, C. W., B.S.	
M.S.	.....	Davies, D. L., M.D. ...	
Neil Arnott Scholarship.	Chemistry.....	Baker, Frank	

VI. DEATHS OF MEMBERS OF THE COLLEGE.

Emeritus Prof. A. Henry.
Dr. Brooke Herford.
Dr. Angel Money.
Emeritus Prof. G. V. Poore.
Mr. Thomas Savage.
Mr. George Serrell.
Capt. Eugene Sweny.
Sir Henry Thompson.
Emeritus Prof. Williamson.

The following Resolutions were passed at the meeting of Council held on May 9th, 1904, and forwarded to Lady Thompson and Mrs. Williamson respectively:—

(*a*) "The Council have received with much regret the information of the death of Sir Henry Thompson, Bart., Fellow of the College, Emeritus Professor of Clinical Surgery and Consulting Surgeon to the Hospital. Sir Henry Thompson was not only a brilliant Surgeon but also attained notable distinction in other branches of Science and in Art. He rendered great services to the College and Hospital during the twenty years of his membership of the active staff, and as Professor of Clinical Surgery from 1866 till 1875 he was a most impressive and successful teacher. To the end of a long life he strove continuously to improve the social condition and sanitary welfare

of the public. The Council desire to express their sympathy with Lady Thompson and other members of the family."

(*b*) "The death of Dr. Alexander W. Williamson, Emeritus Professor and formerly for 39 years Professor of Chemistry and Practical Chemistry in the College, having been reported to them, the Council record their sense of the great value of his services to the College during many years and of the distinction which his great eminence as a Chemist and man of Science conferred upon it. They lose in him a link with the earnest band of social and educational reformers to whose efforts the foundation of the College is due."

The following Resolution was passed at the meeting of Council held on December 5th, 1904, and forwarded to Miss Poore:—

"That the Council have received with deep regret information of the death of Emeritus Professor Poore, who for nearly thirty years was a teacher in the Faculty of Medicine and a Member of the Staff of the Hospital. They desire to put on record their appreciation of Professor Poore's fruitful work and many-sided activity, and of the distinction that his connection with the College and Hospital gave thereto, and they beg leave to offer to Miss Poore and the family the expression of their respectful sympathy."

VII. RECORD OF THE YEAR,

FEBRUARY 1904—FEBRUARY 1905.

HONOURS AND APPOINTMENTS.

The Council have great satisfaction in recording the following Honours:—

The President (Lord Reay) has been appointed President of the British Academy, of which Mr. Israel Gollancz, a former student of the College, and now Professor of English at King's College, is the Secretary.

The Nobel Prize for Chemistry has been awarded to Sir William Ramsay.

A Knighthood has been conferred on Mr. J. Wilson Swan, F.R.S., Life Governor of the College.

The following congratulatory address, signed by the President and the Principal on behalf of the Council and Senate of the College, was presented to Sir Henry Roscoe, a former Student and Life Governor of the College, at a meeting in Manchester in March, 1904:—

"The Council and Senate of University College, London, desire to join with the Governing Bodies of other institutions concerned with the promotion of learning and science in offering to

Sir Henry Enfield Roscoe, B.A., Ph.D., LL.D., F.R.S.,

their sincere congratulations on the occasion of the fiftieth anniversary of his attainment of the Degree of Doctor of Philosophy in the University of Heidelberg.

The acquisition of this Degree marks for Sir Henry Enfield Roscoe the entrance upon a long and varied career of public usefulness. As a scientific investigator and author, as a Professor and University administrator and reformer, as Member of Parliament and as Vice-Chancellor of the University of London, as well as in many other offices of dignity and responsibility, he has worked long and worthily for the public good.

The Council and Senate, while warmly congratulating Sir Henry Enfield Roscoe on his long and distinguished career, recall with satisfaction that the foundation of his scientific training was laid at this College."

The following was Sir Henry Roscoe's reply :—

"U.C.L. is my alma mater. I entered its walls in 1849, when Graham, De Morgan, and Sharpey were among the chief teachers. It was, however, to Williamson, who brought the new Chemistry over with him red-hot from the laboratories of Laurent and Gerhardt in Paris, that we fledgling chemists were most indebted. It was he who inspired us. He made it clear that the molecule of water is H_2O, that the ether molecule contains twice as much ethyl as does alcohol: in short, he opened to us the door of modern chemistry.

"For that alone, and I might add much more, my debt to University College is great.

"I am glad that my old College, returning to the original conception of its founders, is about to become the corner-stone of a great teaching University in the Metropolis; and I gratefully acknowledge the kind expressions which the Address conveys.

"HENRY E. ROSCOE.

"April 22, 1904."

Emeritus Professor Tweedy has been appointed President of the Royal College of Surgeons for a second year.

Professor Walter Raleigh, Fellow of the College, has been appointed to the Chair of English Literature at Oxford.

Mr. Blair, a former student, has been appointed Chief Executive Officer of the London Education Committee.

THE PRINCIPAL.

Retirement of Dr. Carey Foster.

Towards the end of the Session 1903–4 Dr. Carey Foster intimated that it was not his intention to seek re-election to the office of Principal, which he had held since the institution of that office in 1900.

The following address was presented to him at the Assembly of the Faculties of Arts and Laws and of Science in July :

To

GEORGE CAREY FOSTER, Esq., B.A., LL.D., D.Sc., F.R.S.
Emeritus Professor of Physics, University College, London.

On the occasion of your retirement from the office of *Principal of the College*, the Council and Staff desire to place on record their deep debt of gratitude to you for your life-long devotion to the College, and for your watchful care of its interests.

After a distinguished career as a student here, and marked success as a teacher both here and elsewhere, you were elected to our Chair of Experimental Physics in 1865, and to the Chair of Physics in 1867. During your tenure of these offices, you earned the gratitude not only of your pupils—many of whom gained great distinction in later life—but also of all students of Physics and Chemistry, as an inventor of many methods which brought the measurement of electrical quantities to a state of great precision, as the author of articles characterized by clearness of thought and lucidity of expression, and as the editor of text-books which conferred a lasting benefit on those beginning the study of Physics.

When the office of Principal was first instituted, you were invited to accept it by the Council with the unanimous approval of the Senate. In this position, as in your previous offices, you have endeared yourself to all by your uniform kindness and considerateness; and you have won the respect of your colleagues by your clear appreciation of questions under discussion, your power of forming equitable judgments, and your constant devotion to duty.

The cause of University organization owes much to the tactful way in which you, in consultation with the Principal of the University, have conducted the negotiations between the College and the University.

The Council and Staff deeply regret the severance of your official connection with the College, in which you represented, from conviction, the founders' views as to its function and mission. They trust that for many years to come the College may still have the advantage of your counsel and sympathy.

(Signed) REAY, *President.*
RICHARD FARRANT, *Treasurer.* } On behalf of the Council.

J. W. NEILL, *Dean of the Faculty of Arts & Laws.*
J. D. CORMACK, *Dean of the Faculty of Science.*
S. MARTIN, *Dean of the Faculty of Medicine.* } On behalf of the Staff.

A Committee has been formed (Treasurer Prof. Trouton) and subscriptions raised for the purpose of having a portrait of Dr. Carey Foster painted.

New Principal.

The Council, after conferring with the Senate of the University and of the College, appointed Dr. T. Gregory Foster, who had held the post of Secretary since 1900, to the office of Principal.

THE ADMINISTRATIVE STAFF.

The Council regret to announce the death of Mr. Walter Brown, who retired in March 1904, after having served the College for 34 years, first as Senior Clerk and later as Cashier.

At the time of Mr. Brown's retirement Mr. Walter Seton, M.A., was invited to act as Assistant Secretary: on the appointment of

Dr. Gregory Foster to the Principalship, Mr. Seton was appointed Acting Secretary.

The appointment of a permanent Secretary will be considered in the course of the current session.

Mr. Arthur J. Short, formerly Senior Clerk, has been appointed Cashier and Accountant, and Mr. Alfred Attoe has been appointed Senior Clerk.

PROFESSORIAL AND OTHER APPOINTMENTS.

Faculty of Arts and Laws.

The title of Emeritus Professor has been conferred on Prof. Sully.

Reference was made in the last Annual Report to the resolution of the Council to institute a Chair of Moral Philosophy in addition to the Grote Professorship of Philosophy of Mind and Logic. Mr. G. Dawes Hicks, M.A., Litt.D., Ph.D., has been appointed thereto.

Mr. T. W. Arnold has been appointed to the Chair of Arabic rendered vacant by the death of Prof. S. A. Strong.

Prof. Sir John Macdonell has been re-appointed to the Quain Chair of Comparative Law for a further period of three years.

Prof. Gardner has been re-appointed Yates Lecturer for the current Session.

Principal T. Gregory Foster has been appointed Lecturer in English.

Dr. E. R. Edwards has been appointed Lecturer in Phonetics.

Mr. Kahn has been re-appointed Lecturer in Commercial Methods for three years.

Mr. Philip Wicksteed has been appointed Jevons Lecturer for the Sessions 1904–1905 and 1905–1906.

Dr. T. G. Pinches has been appointed Lecturer in Assyriology.

A new Lectureship has been instituted in the History of Art, and Mr. D. S. MacColl, Fellow of the College, has been appointed thereto for three years.

Dr. E. S. Shuckburgh has been appointed Lecturer in Ancient History.

Mr. L. Solomon has been appointed Assistant to the Professors of Latin and of Greek for one year.

Mr. J. H. Walker has been appointed Assistant in the Department of Egyptology.

Faculty of Science.

Prof. Oliver has been re-appointed to the Quain Chair of Botany for a further period of seven years.

Mr. John Blakeman has been appointed Assistant to the Professor of Applied Mathematics.

Mr. J. H. Dibb has been appointed Assistant to the Professor of Pure Mathematics.

Dr. R. H. Aders Plimmer has been appointed Assistant to Prof. Starling, and Dr. G. E. Richmond Assistant to Prof. Kenwood.

Dr. W. McDougall has been re-appointed for one year Reader in Experimental Psychology.

Mr. A. G. Tansley has been appointed Lecturer in Plant Anatomy for three years; and Mr. E. C. C. Baly, Lecturer in Spectroscopy for the same period.

Mr. A. F. C. Pollard has been appointed Demonstrator in the Department of Applied Mathematics: Mr. H. H. Dale was appointed

Sharpey Scholar, but resigned at the end of the Session 1903-04: Mr. J. M. Hamill has been appointed to succeed him.

FACULTY OF MEDICINE.

The title of Emeritus Professor has been conferred on Professor Tweedy on his retirement from the Chair of Ophthalmic Medicine and Surgery.

Professor Percy Flemming has been appointed to succeed Prof. Tweedy.

Professor Thane has resigned the office of Sub-Dean which he had held for twenty-one years. The following resolution was adopted by the Council:

> "That the Council desire to place on record its sense of the great services which Prof. G. D. Thane has rendered to the College and to the Faculty of Medicine during the 21 years he has held the office of Sub-Dean to the Faculty of Medicine."

Dr. F. J. Poynton has been appointed to the office of Sub-Dean to the Faculty of Medicine for the Session 1904–05.

Dr. J. H. Parsons has been appointed Assistant Ophthalmic Surgeon to the Hospital: Dr. Dudley Buxton has been reappointed Anæsthetist to the Hospital for twelve months.

Dr. Batty Shaw has been appointed Lecturer in Therapeutics.

Dr. Dixon was appointed to carry on the teaching of Pharmacology during the Summer Session (1904): the Council have now appointed Dr. Arthur R. Cushny of the University of Michigan, U.S.A., to the Chair. He will begin his work in May next.

REPRESENTATIVES.

The President (Lord Reay), Lord Edmond Fitzmaurice, the Treasurer (Sir Richard Farrant), and the Principal (Dr. Carey Foster) were appointed as the Council's Representatives on the Deputation of the British Association to the Prime Minister for bringing before H.M. Government the need of an increased endowment of University Colleges.

The Principal (Dr. T. Gregory Foster) has been appointed to be one of the representatives of the Council on the Senate of the University of London, *vice* Dr. Carey Foster, resigned.

The Principal (Dr. T. Gregory Foster) and Prof. Hill have been appointed as the representatives of the College on the London Inter-Collegiate Scholarships Board.

Prof. Kenwood and Mr. Spokes were appointed to represent the College at the Congress of the Sanitary Institute at Glasgow, at the International Congress on School Hygiene at Nuremberg, and at the Conference on School Hygiene.

Prof. Ernest A. Gardner has been appointed to represent the College on the Board of Architectural Education by invitation of the Royal Institute of British Architects.

Professor Cormack has been appointed as the representative of the College on the Joint Scholarships Board.

Dr. Carey Foster has been re-appointed as Representative Governor of the United Westminster Schools; Prof. Gardner to a similar office on the Sutton County School; Mr. J. S. Thornton to a similar office on Palmer's Endowed School.

THE COLLEGE AND THE UNIVERSITY OF LONDON.

The Internal side.

The work of organising the Internal side of the University has been continued and considerable progress made. The machinery of the Boards of Examiners for the Degrees for Internal Students, although complicated, has worked satisfactorily in that the examinations have been more closely in accord with the teaching.

Post-Graduate and Research Students.

The provision in the University Regulations whereby graduates of other Universities can be admitted as Internal Students to work for the Higher Degrees of the University of London is likely to increase the large amount of advanced and original work that has always been done in this College. During the past year there were in all 108 Post-Graduate and Research Students in the College.

Inter-Collegiate Lectures.

The system of Intercollegiate Lectures instituted five years ago by University and Bedford Colleges has, during the past year, been considerably extended both in the Faculty of Arts and in the Faculty of Science with satisfactory results.

The Incorporation of the College in the University.

The Council and the Senate of the University have agreed upon the terms of a Bill to promote the Incorporation of the College in the University. The Bill (a copy of which is enclosed) has been duly deposited. The Council will submit the following Motion in connection therewith :—" That the Bill now submitted entitled 'A Bill for transferring University College London to the University of London and for other matters connected therewith and for amending the University of London Act 1898' be and the same is hereby approved subject to such additions, alterations and variations as Parliament may think fit to make therein." It is very desirable that the remainder of the money, £18,000, necessary to complete the Incorporation of the College in the University should be raised before the Bill becomes law.

In connection with the scheme for the Incorporation of the College, the Council have taken further steps with regard to the buildings for the School of Advanced Medical Studies and for the Boys' School. (See p. 27 & p. 53.)

Entrance Scholarships.

The result of the conference on Entrance Scholarships referred to in the last Report has been the formation of the London Inter-Collegiate Scholarships Board for the holding of a joint examination for Entrance Scholarships at London Colleges. University College, King's College, and the East London Technical College at present take part in the scheme. The Drapers' Company have made a grant of £100 to meet the initial expenses of the Board, on which the Council is represented by the Principal and Prof. M. J. M. Hill. The Principal has been appointed Chairman of the Board.

APPEAL FOR FUNDS.

The Appeal Committee have proceeded with their work since the issue of the last Report. They have succeeded in adding to the funds available for Incorporation, and out of a total of £200,000 necessary to bring that about have succeeded in raising £182,000. The most important event in connection with the Appeal has been the munificent donation of Sir Donald Currie.

The Committee have issued a Report on the work of the past year, a copy of which is sent with this Report for the information of Members.

BENEFACTIONS.

Sir Donald Currie.

Sir Donald Currie has made to the Council a gift of £80,000 to provide a suitable building for the accommodation of the Medical School of University College and £22,500 to build and furnish a Nurses' Home in connection with University College Hospital and Medical School. The following is the Minute of the Council (March 28th, 1904) on the subject:—

"The following correspondence, which appeared in 'The Times' of Friday, March 18th, was taken as read:—

"4 Hyde Park-place, London, W.
March 16, 1904.

"To the Right Hon. the Earl of Rosebery, K.T., Chancellor of the University of London, and the Right Hon. Lord Reay, G.C.S.I., President of University College.

"My Lords,

"For a considerable time past I have been thinking of the great advantage to University education and the more effective development of medical and hospital work in London which would follow the reorganization of the relationship between the University of London and University College.

"It was very difficult for me to get together the necessary *data* for my guidance; but having asked friends of the University and College to apply to you as Chancellor of the University and as President of University College, without mentioning my name, I obtained the desired information. It is now time for me to let you know that the inquiry referred to was on my behalf.

"I am given to understand that a closer union should exist between some of the Schools and the University of London, and further that the Senate of the University of London and the Council of University College, London, are co-operating to promote a Bill in Parliament to effect the incorporation of the College with the University; and I rejoice to find that, except for the financial difficulties, there are now no obstacles to this incorporation, the representatives of both institutions being quite convinced of the wisdom and advantage of such an incorporation. I gather, however, that in order to carry out these proposals, the Medical School, the Boys' School, and University College Hospital should be separated from the College and be vested in separate corporations. I understand that sufficient funds have been obtained to pay off the debt of the College and to purchase the site required for the new Medical School buildings, and that there are funds available for the purchase of the new site of the Boys' School and for the erection of the necessary buildings. But here, I am told, University College meets with the only impediment to the complete incorporation which is desired, by the want of funds to erect the required buildings for the School of Advanced Medical Studies on the site which has already been purchased.

"The sum required is a very large one, and for a long time past unsuccessful efforts have been made to obtain the necessary funds for the purpose referred to. I am given to understand that the sum of £80,000 would supply the necessary want, and I am prepared to give this amount for the purposes referred to;

and I do so knowing that the Bill now being prepared for Parliament ensures that, when incorporation is carried out, University College, London, will be maintained as a centre of wide academic culture, and that anatomy, physiology (including pharmacology), biology, chemistry, physics, &c., which are subjects of preliminary and intermediate medical study, will still continue to be taught there.

"There is another scheme of a charitable character which I should like to carry out, in addition to the above, which would, to a large extent, contribute to the usefulness of University College Hospital. I propose to add the gift of £20,000, in order to provide a suitable Nurses' Home in connexion with, and in immediate proximity to, University College Hospital, for which there is already secured and paid for a suitable site.

"The amount mentioned will be sufficient also to provide accommodation for medical students attending the poor women of the neighbourhood in their confinements. At present these students have to find lodgings near the hospital, which are, I hear, uncomfortable and costly. This I am assured would be a great boon to these students and a consequent benefit to the Medical School. My friends interested in University College Hospital assure me that they cannot imagine any more useful object of thoughtful benevolence than this dual scheme, which, besides advancing the aims of the University of London, as reorganized according to the Act of 1898, would also be of lasting benefit to the poor patients attending University College Hospital, and to the nurses and students of that institution.

"The total amount, therefore, which I agree to give for the carrying out of this scheme to benefit the University of London, University College, London, and University College Hospital, is £100,000.

"For the working out of what is thus proposed, I suggest that there should be a committee of gentlemen to assist in the disposal of this amount, in accordance with my wishes, as indicated in this letter, and, although I have no authority to use their names, I beg to suggest the following gentlemen, who might be invited to be members of such a committee :—

The Duke of Bedford, K.G., President of University College Hospital.
The Earl of Rosebery, K.T., Vice-President, University College Hospital.
Lord Reay, President of University College, London.
Lord Monkswell, Treasurer of University College Hospital.
Field-Marshal Viscount Wolseley, K.P.
Sir Thomas Barlow, Bart., K.C.V.O.
Henry Lucas, Esq., Chairman of University College Hospital.
Dr. J. E. Pollock, F.R.C.P.
R. J. Godlee, Esq., M.S., F.R.C.S.
Dr. J. Rose Bradford, F.R.S., F.R.C.P.
Dr. Sidney Martin, F.R.S., F.R.C.P., Dean of the Medical School.
Raymond Johnson, Esq., B.S., F.R.C.S., and
F. Donald Mirrielees, Esq., and Dr. H. Batty Shaw, hon. secretaries.

"In addition to the £100,000 above referred to, I am prepared to contribute the sum of £2,500 as a gift from my daughters, Mrs. Mirrielees, Mrs. Molteno, and Mrs. Wisely, for the furnishing and provision of a library, piano, &c., for the Nurses' Home, and they will be willing to render any assistance in their power for the benefit of the nurses.

"Upon hearing from you, I shall lose no time in arranging for the payment of the sums mentioned.

"I am, my Lords, your obedient servant,

DONALD CURRIE."

"38 Berkeley Square, W.
March 17, 1904.

"DEAR SIR DONALD CURRIE,

"We beg to thank you most heartily for your magnificent gift to University College. It has a double value in that it will not only benefit the Hospital and the Medical School, but will also assist the University and the College to carry out that policy of incorporation on which both have decided, and which both believe to be of the highest importance to the future of University Education in London.

"If, then, we may be allowed to do so, we desire to combine with our thanks for your generosity an expression of our sense of the timely nature of your gift and to assure you that both the University and College will value your great donation, not merely as a help in their immediate difficulties, but as directing their course along the line of development by which London may be made the seat of a University worthy of the metropolis of the Empire.

"We are, yours very faithfully,

ROSEBERY, Chancellor,
REAY, President of University College."

"On the motion of the Principal,

"Resolved unanimously:

"That the Council of University College, London, desire to offer their grateful thanks to Sir Donald Currie, G.C.M.G., for his munificent gift of £80,000 to provide a suitable building for the accommodation of the Medical School of University College and £22,500 to build and furnish a Nurses' Home in connection with University College Hospital and Medical School.

Throughout its existence of three quarters of a century the Medical School of University College has always taken a leading part in the advancement of Medical and Surgical Science.

The Council have great satisfaction in knowing that, as the result of Sir Donald Currie's noble generosity, the future of the Medical School is assured."

The Worshipful Company of Drapers promised in 1902 a donation of £30,000 to discharge the debt of the College to the Bankers and thus to remove one of the obstacles in the way of Incorporation of the College in the University. The donation was received on August 5th, 1904, and the debt to the Bankers accordingly discharged. The following resolution of thanks was adopted and transmitted to the Clerk of the Drapers' Company:— The Drapers' Company.

"That the most grateful thanks of the Council be offered to the Master, Wardens, and Court of Assistants of the Worshipful Company of Drapers for their munificent action in clearing off the debt of £30,000 which was owing by the College to their Bankers.

As the Company are aware, the Council are of opinion that, under the circumstances created by the University of London Act of 1898 they can most effectually meet the responsibility which rests upon them, so to conduct the College as best to advance the cause of learning and science, by promoting its incorporation into the University of London as an integral part of that institution. Proposals having this object in view were accordingly made by them in 1898, but for various reasons, among the most important of which was the serious indebtedness of the College, these proposals did not immediately bear fruit. The generous offer of the Drapers' Company, under certain conditions to assume responsibility for the College debt, was the immediate occasion of the reopening of negotiations for the union of the College with the University. These negotiations have now reached an advanced stage, and both parties look forward to their being brought to a satisfactory conclusion at an early date. The Council believe that the contemplated arrangement is likely to have a far-reaching influence in the furtherance of advanced education and research in London and, while most sincerely thanking the Company for their generosity, they feel that they can congratulate the Company on an act of very real advantage to the public."

Last Session the Drapers' Company granted through the University Senate the sum of £1000 for the purpose of assisting Professor Karl Pearson in his statistical Researches at University College and the higher work of his Department. A further grant of £2000 has been generously made by the Company to be expended at the rate of £400 a year for the next five years, for the promotion of the same object. The following resolution was adopted by the Council and ordered to be sent to the Company:— The Drapers' Company.

"That the Council desire to convey to the Court of the Worshipful Company of Drapers their best thanks for the vote of £2000 towards further assisting the statistical work and higher teaching of the Department of Applied Mathematics at University College.

By their original grant of £1000 for this purpose, the Court has enabled the Council to appoint an adequate staff, and to purchase valuable apparatus for the work of the Department.

By generously continuing their aid, the Court will enable the work thus begun to be placed upon a more permanent footing, and will prepare the way for the establishment of a permanent statistical Institute."

The Mercers' Company.

The Worshipful Company of Mercers have made through the University of London a grant of £1000 for the benefit of the Chair of Physiology in the College. The following resolution of thanks was unanimously adopted by the Council and transmitted to the Clerk of the Mercers' Company :—

"That the Council desire to convey to the Court of the Worshipful Company of Mercers their best thanks for the donation of £1000 for providing for the Chair of Physiology at the College, by which the efficiency and activity of that Department will be largely increased."

The "Bayliss" Fund.

The College are indebted to Dr. Bayliss for his gift of £1100 Consolidated Ordinary Stock of the Great Western Railway Company, being the amount awarded to him by the jury in the late case of Bayliss *v.* Coleridge. The income of the Fund is to be spent on the work of the Department of Physiology on the recommendation of the Jodrell Professor.

Kate Griffith Bequest.

Under the will of the late Mrs. Kate Griffith the residue of her property was bequeathed to Trustees "to go to increase the endowment of the Chair of Egyptology founded by Amelia Anne Blanford Edwards at University College, London, or otherwise in aid of the study of Egyptology in connection with that Chair." The Trustees have now transferred the trust to the College subject to it being administered by the Council after consultation with Professor Flinders Petrie.

Chadwick Trustees.

The Chadwick Trustees have continued their valuable assistance to the Departments of Hygiene and Municipal Engineering.

Crabb Robinson Trustees.

The Crabb Robinson Trustees made the following grants to the College in the Session 1903-04:—£97 towards the rent of the Athletic Ground and repairs of the pavilion, £100 for the improvement of the furniture in the General Library. During the current session they have granted £100 towards the re-decoration of the Refectory, and £50 towards the purchase of new furniture for the same.

Engineering Committee.

A grant of £110 has been made by the Engineering Committee to the Appeal to enable the Council to purchase a Storage Battery required by Prof. Fleming.

Arthur Strong Library.

The Oriental Section of the Library of the late Arthur Strong, Professor of Arabic in University College, London, and Librarian to the House of Lords, has been presented by Mrs. Strong to the College and accepted by the Council.

The books will form part of the Oriental Library of the College and will be known as the "Arthur Strong Oriental Library."

The Council desire also to acknowledge the following valuable gifts:—

A bust in plaster of the late Sir George Jessel presented by Sir Charles Jessel and family.

The MS. of the late Prof. Key's Latin Dictionary presented by Mrs. Williamson.

By Messrs. Dick, Kerr & Co. (per Sir Richard Farrant), a Direct-Current Motor with starting switch and accessories, for the Chemical Department.

By Prof. Karl Pearson, a valuable collection of Mathematical Magazines and other works.

By Mr. Clauson, a collection of Engineering books and Vulcanite Curves.

By Mrs. Charles Lewes, books and a portrait of George H. Lewes.

Annual Subscriptions and Donations.

Lists of Annual Subscribers and Donors are given on pp. 56 & 57. The Council desire to call attention to the importance of maintaining and extending the list of annual subscriptions. Not only are such subscriptions a means of increasing the revenue of the College, but they serve a most important purpose in all applications to public bodies. The Treasury more particularly attaches great importance, in making its grants, to the amount of local aid that has been given to the College.

SCHOOL OF ADVANCED MEDICAL STUDIES.

In consequence of the donation of Sir Donald Currie, the Council have been able to proceed with the planning of the School of Advanced Medical Studies. The plans of Mr. Paul Waterhouse have been accepted and the buildings will shortly be begun. The buildings make ample provision for the work of advanced medical studies in all its departments and also for Research Laboratories in Pathology, Clinical Medicine, and Clinical Surgery.

The plans of the buildings will be on view in the Council Room during the week preceding the Annual General Meeting.

FACULTY OF ARTS.

The institution of Composition Fees in this Faculty has produced most satisfactory results. The growth of the Faculty during the last two years is one of the most striking of recent developments.

It will be noted that the number of students who passed the Special Intermediate Examination in Arts in the Session 1903–04 was double that of the previous Session; also that nine Candidates obtained the Degree of Master of Arts, as compared with two in the preceding year.

INDIAN SCHOOL, AND DEPARTMENT OF ORIENTAL LANGUAGES.

The Grant from the Secretary of State for India for promoting the work of the Indian School has had an immediately beneficial effect upon its work. It has been possible to provide books and apparatus that were required; and a special bay has been set apart in the Library for the work of the Students of the School.

The School has been reorganised so as to provide courses of instruction suitable to students intending to graduate in Honours in Oriental Studies at the University of London.

All the eleven students for the Indian Civil Service who spent their probationary year at the College passed their Final Examination, the best of them taking the 7th, 8th (2 eq.), 15th, and 17th places. First places were taken in Law of Evidence and in Burmese, second places in Criminal Procedure and in Marathi, third places in Criminal Procedure and in Persian.

Twelve candidates for the Indian Civil Service have entered for the current Session.

FACULTY OF SCIENCE.

Most of the Departments of the Faculty are now overcrowded. This is especially the case with the Departments of Chemistry and Botany. All the Chemical Laboratories are full. The Council hope soon to be in a position to provide additional and improved accommodation for this and other Departments.

STATISTICAL AND BIOMETRICAL LABORATORY.

This Laboratory, instituted by the Drapers' Grant of £1000, and now put on a more permanent basis by the munificence of the same Company, has been developed. The results have been specially valuable, for the following reasons :—(i) The stock of instruments and models belonging to the Department has been largely increased; this, of course, tends to improve the efficiency of the Department permanently. Specially notable additions are a Tate's Calculator, a Hilger's Reading Microscope, and a Payne-Coradi Parabolograph. (ii) Calculators and Measurers in the Biometric Lbaoratory have been paid for their work; hitherto the Department has had to depend entirely on voluntary labour. A number of persons have sent to the Statistical Laboratory raw material to be reduced or reported on. This has taken time from the research-work carried on. The inquiry for this sort of statistical aid has been so considerable, that Professor Pearson suggests that a permanent Statistical Laboratory, with paid assistants, might perform a national function. The Carnegie Institute of Washington is already considering its possibility in America. (iii) A certain amount of the Drapers' Fund has been spent in publication. Perhaps the most noteworthy memoir to be thus assisted is Dr. W. R. Macdonell's long paper on the English skull. Endeavour has been made to make this—the third extensive craniological biometric memoir which has been issued from the Department, the first important memoir anywhere issued on the English skull—comparable from the standpoint of reproduction and craniology with recent continental work; from the standpoint of statistics, there is no present fear of comparison.

A special series of *Drapers' Company Research Memoirs* has been started; the first memoir of the Biometric Division has appeared and two other papers—giving new theories of coupling-hooks and of masonry-dams verified by experiments—belonging to the Technical Division, have been published. These are respectively due to Messrs. E. S. Andrews and L. W. Atcherley.

THE OBSERVATORY.

For nearly twenty years the need for a Students' Observatory has been felt in connection with the Courses on Astronomy, and this need has also been largely felt in recent years in regard to the Engineering Surveying Classes. It is hoped that the kindness of Professor Chadwick and the Chadwick Trustees in presenting the Equatorial Telescope and housing it, of Professor Simpson in planning the building, and Mr. Ormsby in designing the dome, will be fully appreciated by the Astronomical Students.

PHARMACOLOGY.

As announced in the last Annual Report, the Council have instituted a Chair of Pharmacology and Materia Medica. Towards the institution of this Chair Mr. Henry S. Wellcome has given the sum of 100 guineas, and Mr. Carteighe has kindly promised to subscribe £100 a year for three years. The Council will be glad to receive donations for the permanent endowment of the Chair. Dr. A. R. Cushny, who has been recently appointed to the Chair, will take up his duties at the beginning of May.

DEPARTMENT OF ARCHITECTURE.

The reorganisation of this Department has had satisfactory results. The Day Classes which provide complete courses extending over two or three years are steadily growing. The Evening Classes, towards the expenses of which the Carpenters' Company make a grant, are now as full as they can be, and are providing advanced training for students in Architects' and Surveyors' Offices. The Department is now accommodated in temporary premises at 135 and 137 Gower Street. These houses occupy part of the site of the new School of Advanced Medical Studies. As this site will shortly be required for the building of the Medical School, it will be necessary to provide the Architectural Department with other quarters. The Council have carefully considered the question, and have come to the decision that the most economical and most satisfactory solution of the difficulty would be to build the remainder of the South-West Wing. It is estimated that this can be done at a cost of about £10,000.

The scheme of Architectural education that is about to be issued by the Committee of the Royal Institute of British Architects makes the provision of an adequate home for the Department the more pressing.

THE WORK OF THE COLLEGE.

The details of the Work of the College are recorded in the Deans' Reports, which are printed in the Calendar.

The Session of the Faculties of Arts and Laws and of Science was brought to an end by an Assembly of those Faculties, at which the Prizes and Medals were distributed by Sir Arthur Rücker, Principal of the University of London. An account of the proceedings is printed in the Calendar.

The Council attach the greatest importance to the original work done by the Teaching Staff and Students of the College and to the provision of Postgraduate courses, and therefore reprint the following lists for the information of Members.

I. List of Original Papers and other Publications during the Year 1903–1904.

FACULTY OF ARTS AND LAWS.

Department of Latin. (Professor A. E. Housman.)

Professor A. E. Housman.

(1) M. Manilii Astronomicon liber primus. (Grant Richards.)
(2) Remarks on the Ciris. (*Classical Review*, xvii. pp. 303–11.)
(3) On Oxyrhynchus Papyri, vol. iii. No. 464. (*Ibid.* xvii. pp. 385–6.)

Department of Greek. (Professor J. A. Platt.)

Professor J. A. Platt.

(1) Homer and the Homeric Question. (*Quarterly Review*, January 1904.)
(2) Notes on Julian. (*Classical Review*, 1904.)

Department of Archæology. (Professor E. A. Gardner.)

Professor E. A. Gardner.

(1) Review of Dörpfeld, Troja und Ilion. (*Classical Review*, April 1904.)

K. T. Frost.

(2) The Statues from Cerigotto. (*Journal of Hellenic Studies*, 1903, ii.)

A. M. Daniel.

(3) Damophon. (*Journal of Hellenic Studies*, 1904, i.)

K. A. McDowall.

(4) Some Greek Portraits. (*Journal of Hellenic Studies*, 1904, i.)

G. Dickins.

(5) Some points with regard to the Homeric house. (*Journal of Hellenic Studies*, 1903, ii.)

Department of Comparative Philology. (Professor J. P. Postgate.)

Professor J. P. Postgate.

(1) Selections from Tibullus and others. (Macmillan & Co.)
(2) Corpus Poetarum Latinorum a se aliisque denuo recognitorum, edidit J. P. Postgate. (Columellæ liber X by the editor; Stati Silvæ by the editor and Prof. G. A. Davies.)

(3) The MS. problem in the Silvæ of Statius. (*Classical Review*, xvii. pp. 344–351.)
Addendum. (*Ibid.* xviii. p. 43.)
(4) On the Neuter Nominative, some Impersonal Verbs, and three Dramatic Quotations. (*Ibid.* xviii. pp. 36 *seq.*)
(5) Note on the name of the battle of Pharsalia. (*Cambridge Philological Society's Proceedings*, lxiv.–lxvi. pp. 7 *seq.*)

Department of Egyptology. (Professor W. M. Flinders Petrie.)

Professor W. M. Flinders Petrie.

(1) Methods and Aims in Archæology.

Publications by Students of the Department :—

F. Ll. Griffith and Sir Herbert Thompson.

(2) The Demotic Magical Papyrus of London and Leiden.

Printed but not yet issued :—

(3) The Osireion. By Miss M. A. Murray.

Department of Sanskrit. (Professor E. J. Rapson.)

Professor E. J. Rapson.

(1) Notes on Indian Coins and Seals. Part V. (*Journal of the Royal Asiatic Society*, 1903, p. 285.)
(2) Bhūmaka : a newly discovered member of the Kṣaharāta Dynasty. (*Ibid.* 1904, p. 371.)
(3) "In what degree was Sanskrit a spoken language ?" ; an Essay on the Development of the Sanskrit language. (*Ibid.* 1904, p. 435.)

Department of Hebrew (Semitic Epigraphy). (Professor H. Gollancz.)

H. Hirschfeld

(1) The Arabic Portion of the Cairo Genizah at Cambridge, 2nd to 5th articles. (*Jewish Quarterly Review*, July 1903 to April 1904.)
(2) Descriptive Catalogue of the Hebrew MSS. of the Montefiore Library, 1904.

Department of English. (Professor W. P. Ker.)

Professor W. P. Ker.

(1) "Wordsworth" and "Scott" in *Chambers's Cyclopædia of English Literature*, vol. iii. 1903.
(2) The Dark Ages. (Blackwood, Edinburgh, 1904.) (Periods of European Literature, edited by Professor Saintsbury, I.)
(3) On the Danish Ballads. (*Scottish Historical Review*, July 1904.)

T. Gregory Foster.

(4) Reports of the Mosely Educational Commission, 1904, p. 106—p. 129.

Department of French. (Professor L. M. Brandin.)

Professor L. M. Brandin.

(1) Book of French Prosody. By L. M. Brandin and W. G. Hartog. (Blackie & Son, 1904.)
(2) History of Fulk FitzWarine done into English by Mrs. A. Kemp Welch, with Introduction by L. M. Brandin. (The De la More Press, 1904.)
(3) Un fragment de la Vie de Saint Gilles. (Romania, Janvier 1904.)
(4) Sherlock Holmes. Introduction to "Etude en Rouge." (Delagrave, Paris 1904.)
(5) Gaston Paris. (*Cornhill Magazine*, September 1903.)
(6) Reviews in *Le Français* and the *English Historical Review.*

W. G. Hartog.

(7) Mme. de Staël. Edited by W. G. Hartog. (Blackie.)
(8) Guizot. La Révolution d'Angleterre. Edited by W. G. Hartog. (Blackie.)
(9) Lectures Scientifiques. By W. G. Hartog. (Rivingtons.)

Department of German. (Professor R. Priebsch.)

Professor R. Priebsch.

(1) Aus deutschen Hss. der kgl. Bibliothek in Brüssel. Pt. II. (*Zeitschrift f. deutsche Philologie*, Bd. xxxvi. S. 58–86.)
(2) Ibid. Pt. III. (*Ibid.* Bd. xxxvi. S. 371–87.)
(3) Die ursprüngliche Fassung von Schillers Gedicht 'Die vier Weltalter' (der Sänger). (*Archiv für das Studium der neueren Sprachen u. Litteraturen*, Bd. 111, S. 1 ff.)

R. A. Williams.

(4) Remarks on Northern Irish Pronunciation of English. (*Modern Language Quarterly*, ii. p. 129 ff.)
(5) Note on the History of English 'r.' (*Ibid.* p. 135 ff.)
(6) Review of Middendorf, Englisches Flurnamenbuch. (*Ibid.* p. 27 ff.)
(7) Review of W. Scholle and G. Smith, Elementary Phonetics. (*Ibid.* vii. p. 63 ff.)

Jessie Raven.

(8) On the Source of E. Schlegel's 'Die stumme Schönheit.' (*Mod. Lang. Notes*, 1904.)

Department of History. (Professors F. C. Montague and A. F. Pollard.)

Professor F. C. Montague.

(1) Macaulay: Critical and Historical Essays. Edited, with Introduction, Notes, and Index. (Methuen & Co., 1903.)
(2) Cambridge Modern History, Vol. viii. Five Chapters on the French Revolution.

Professor A. F. Pollard, M.A.

(3) Cambridge Modern History, Vol. II. Five chapters on the Reformation in Germany and England.

(4) Various notices in the *English Historical Review.*

Romesh Dutt.

(5) India in the Victorian Age. (Kegan Paul, Trench, Trübner & Co., 1904.)

Department of Economic Geography. (Professor L. W. Lyde.)

Professor L. W. Lyde.

A Geography of Australasia. (A. & C. Black.)

Department of Indian School (Gujarati). (Professor J. W. Neill.)

S. A. Kapadia.

The Teachings of Zoroaster. Translated from the Zend. (*The Orient Press.* In the press.)

Department of Philosophy (Experimental Psychology). (Dr. W. McDougall.)

Dr. W. McDougall.

(1) The Sensations excited by a single momentary Stimulation of the Eye. (*British Journal of Psychology*, vol. i. Part i.)

(2) Note on Fechner's Paradoxical Experiment. (*Ibid.*)

(3) Variation of the Intensity of Visual Sensation with the Duration of the Stimulus. (*British Journal of Psychology*, vol. i. Part ii.)

(4) Physiological Factors of the Attention-Process.—Part III. (*Mind*, October 1903.)

(5) Note on Smoothly-grade Colour-Contrast. (*Proc. Physiol. Soc., Journal of Physiology*, vol. xxx. no. 1.)

Department of Constitutional Law. (Professor W. S. Holdsworth.)

Prof. W. S. Holdsworth.

(1) Covenants of Tenants to pay Rates, Taxes and other Charges. (*Architect*, March 1904.)

(2) Legal Aspects of the Trades Union Bill. (*Ibid.* July 1904.)

Department of Political Economy. (Professor H. Foxwell.)

A. C. Pigou.

(1) The Riddle of the Tariff. (R. Brimley Johnson, London.)

(2) The Known and the Unknown in Mr. Chamberlain's Proposals. (*Fortnightly Review*, January 1904.)

(3) Pure Theory and the Fiscal Controversy. (*Economic Journal*, March 1904.)

C. P. Sanger.

(4) Reviews in the *Economic Journal* and *Journal of the Royal Statistical Society.*

FACULTY OF SCIENCE.

Department of Pure Mathematics. (Professor M. J. M. Hill.)

Professor M. J. M. Hill and H. W. Chapman.

On Weierstrass's Primary Factor. (*Messenger of Mathematics*, New Series, no. 392, December 1903.)

Department of Applied Mathematics. (Professor K. Pearson.)

Professor K. Pearson.

(1) On the Laws of Inheritance in Man. I. The Inheritance of the Physical Characters. (*Biometrika*, vol. ii. pp. 357–460.) With the assistance of Dr. Alice Lee. This forms the complete reduction of the measurements of 1100 families started in 1894.

(2) On the Laws of Inheritance in Man. II. The Inheritance of the Psychical Characters. (*Biometrika*, vol. iii. pp. 131–160.) This forms the first reduction of the observations on 6000 school children. Under the title "Inheritance of the Mental and Moral Characters in Man and its comparison with the Inheritance of the Physical Characters" it formed the Fourth Annual Huxley Lecture before the Anthropological Institute, and is published in *Journal of Anthropological Institute*, vol. xxxiii. pp. 179–237.

(3) Mathematical Contributions to the Theory of Evolution. XII. On a generalised Theory of Alternate Inheritance with special Reference to Mendel's Laws. (*Phil. Trans.* A. vol. 203, pp. 53–86.)

(4) Mathematical Contributions to the Theory of Evolution. XIII. On the Theory of Contingency and its Relation to Association and Normal Correlation. *Drapers' Company Research Memoirs. Biometric Series*, I., pp. 1–40.

(5) On a Criterion which may serve to test various Theories of Inheritance. (*Proc. R. S.* vol. 73, pp. 262–280.)

(6) Craniological Notes. (IV.) Second Note on Heterogeneity in Cranial Series. (*Biometrika*, vol. ii. pp. 506–508.)

(7) Craniological Notes. (V.) Second Note on Cranial Types and Definition of 'Race.' (*Biometrika*, vol. ii. pp. 509–512.)

(8) On the Correlation between Hair and Eye Colour in Different Races. (*Biometrika*, vol. iii. Part 3.)

(9) (With W. F. R. Weldon and others.) Assortative Mating in Man. (*Biometrika*, vol. ii. pp. 481–498.)

(10) (With W. F. R. Weldon.) (On Inheritance in *Phaseolus vulgaris*. (*Biometrika*, vol. ii. pp. 499–503.)

Professor Pearson and Marion Radford.

(11) On Differentiation and Homotyposis in the Leaves of *Fagus sylvatica*. (*Biometrika*, vol. iii. pp. 104–107.)

Professor PEARSON.

(12) On an Elementary Proof of Sheppard's Formulæ for correcting Raw Moments and on other allied Points. (*Biometrika*, vol. iii. Part III.)

(13) A Mendelian's View of the Law of Ancestral Heredity. (*Biometrika*, vol. iii. pp. 109–112.)

W. R. MACDONELL.

(14) A Third Study of the Variation and Correlation of the Human Skull, with special reference to the Whitechapel Crania. (*Biometrika*, vol. iii. Part 2.) With 50 plates and 8 folding tables. This is the first full investigation of the English skull.

M. A. LEWENZ and K. PEARSON.

(15) On the Measurement of Internal Cranial Capacity from Cranial Circumferences, with an Appendix on the Head of Jeremy Bentham. (Ready.)

W. PALIN ELDERTON.

(16) Tables of Powers of Natural Numbers and of the Sums of Powers of Natural Numbers from 1–100. (*Biometrika*, vol. ii. pp. 474–480.)

(17) Graduation and Analysis of a Sickness Table, Second Paper, with a new process for 'Makehamising' Data. (*Biometrika*, vol. ii. pp. 503–504.)

EMILY PERRIN.

(18) On some Dangers of Extrapolation. (*Biometrika*, vol. iii. pp. 99–103.)

AMY BARRINGTON, ALICE LEE, and K. PEARSON.

(19) On Inheritance of Coat-colour in Greyhounds, Ancestral and Collateral. (*Biometrika*, Vol. iii. Part 3.)

ALICE LEE.

(20) On the Relation between Rates, Expenditure on Remunerative Works, and Rate of Increase of Population in Fifty-eight British Municipalities. (*The Economic Journal*, vol. xiii. pp. 424–429.)

Professor PEARSON.

(21) On some Drawing Office Instruments—(i) A novel Parabolograph (designed by H. Payne and constructed by G. Coradi). (*Phil. Mag.* vol. vii. pp. 200–201.)

E. S. ANDREWS.

(22) On a Theory of the Stresses in Crane and Coupling Hooks, with Experimental Comparison with Existing Theory. (*Drapers' Company Research Memoirs. Technical Series*, I.) (At Press.)

L. W. Atcherley

(23) On a Theory of the Stability of Masonry Dams, with Experimental Comparison with Existing Theory. (*Drapers' Company Research Memoirs. Technical Series*, II.) (At Press.)

Owing to the publications, etc. of the statistical workers, attention has been drawn to the existence of a statistical and computating staff at the College, and a considerable amount of work has been sent either for verification or initial computation. Besides several biological and anthropometric memoirs which have been verified or computated *de novo*, the following reports have been sent to inquirers:—

(24) Report on Scotch Pauper Lunacy Rates.
(25) Report on the Variability of Time Fuses used in the Royal Artillery.
(26) Report on the Effect of Inoculation against Enteric Fever in the Army (India and South Africa).
(27) Report on Statistics of Inheritance in cases of Cancer, and of the simultaneous occurrence of Cancer and Tuberculosis. (*Archives of the Middlesex Hospital*, vol. ii. 1904.)

F. Cave Browne-Cave.

(28) On the Effect of the Time Factor on the Correlation between the Barometric Heights at two stations a thousand miles apart. (Read, Royal Society, June 16.)

Department of Physics. (Professor F. T. Trouton.)

A. W. Porter.

(1) On the Calculation of Maxima and Minima of Diffraction Gratings. (*Phil. Mag.*)

E. P. Metcalfe.

(2) On a Method of detecting the Lorentz-FitzGerald Shrinkage through a possible Second Order Effect on Electrical Resistance.

C. Cuthbertson.

(3) Continuation of Researches on Refractivity of Vapours.

A. O. Rankine.

(4) On Stress Annealing of Overstretched Lead Wires.

Professor Trouton.

(5) On the Motion of Viscous Substances. (A Lecture at the Royal Institution.)

R. Le Rossignol and C. T. Gimingham.

(6) The Rate of Decay of Thorium Emanation. (*Phil. Mag.* vol. viii. p. 107.)

L. N. G. Filon.

(7) On the Variation with Wave-length of the Double Refraction in Strained Glass. (*Camb. Phil. Proc.* 3rd paper.)

H. R. Noble.

(8) On the Fluorescence of Sodium Vapour.

Departments of Chemistry. (Professors Sir William Ramsay and J. Norman Collie.)

Professor Sir William Ramsay and F. Soddy.

(1) Helium from Radium. (*Proc. Roy. Soc.*, Aug. 1903.)
(2) Further Researches on the Emanation from Radium. (*Proc. Roy. Soc.*, May 1904.)

Professors Sir William Ramsay and J. N. Collie.

(3) Spectrum of Emanation from Radium. (*Proc. Roy. Soc.*, July 1904.)

Professor Sir William Ramsay.

(4) Address to German Association, Cassel, 1903.
(5) Introduction to the Study of Physical Chemistry. (Longmans, 1904.)

M. W. Travers.

(6) Researches on the Attainment of very Low Temperatures. (*Smithsonian Publications*, 1904.)

Professor J. N. Collie.

(7) Exploration and Mountaineering in the Canadian Rockies. (In conjunction with H. E. M. Stutfield). (Longmans & Co.)
(8) The Action of Acetyl Chloride on the Disodium Salt of Diacetylacetone. (*Trans. Chem. Soc.* 1904.)
(9) A Method for the Ultimate Analysis of Small Quantities of certain Organic Compounds. (In course of publication.)

Professor J. N. Collie and E. W. Millar.

(10) The Salts of Chelidonic Acid. (In course of publication.)

Karl Löffler.

(11) Derivate des *a* Picolyl- und *a* Picolyl-methyl-alkins. (*Berl. Deutsch. Chem. Ges.* 1904.)

S. Smiles.

(12) On Optically Active Sulphur Compounds. (Not yet published.)

E. C. C. Baly.

(13) The Spectra of Neon, Krypton, and Xenon. (*Phil. Trans.* Nov. 1903.)
(14) The Spectrum of the Aurora. (*Astrophys. Journal*, April, 1904.)
(15) The Ultraviolet Absorption Spectra of certain enol-keto-tautomerides. Part I. Acetylacetone and Ethyl Acetoacetate. E. C. C. Baly and C. H. Desch. (*Trans. Chem. Soc.* In the press.)

Kathleen A. Burke and F. G. Donnan.

(16) Chemical Dynamics of the Alkyl Iodides. (*Trans. Chem. Soc.* 1904, p. 555.)

J. F. Bottomley.

(17) The Molecular Formulæ of some Fused Salts as determined by their Molecular Surface Energy. (*Trans. Chem. Soc.* 1904.)

A. F. Girvan.

(18) The Union of Carbonic Oxide and Oxygen and the Drying of Gases by Cooling. (*Proc. Chem. Soc.* 1903.)

W. T. Cooke.

(19) On the Reduction of Hydrazoic Acid. (*Proc. Chem. Soc.* 1903.)
(20) The Action of Water and Dilute Caustic Soda Solutions on Crystalline and Amorphous Arsenic. (*Proc. Chem. Soc.* 1903.)

The following investigations upon the Ultraviolet Absorption Spectra of organic compounds in relation to tautomerism have been carried out in the Spectroscopic Laboratory but have not yet been published:—

(1) Benzoyl Acetone and Ethyl Benzoyl Acetate. E. C. C. Baly and C. H. Desch.
(2) The disubstituted derivatives of Benzene. E. C. C. Baly and C. W. Bird.
(3) The monosubstituted derivatives of Benzene. E. C. C. Baly, J. N. Collie, and Ida F. Homfray.
(4) Dimethyl dihydroresorcin and its derivatives. E. C. C. Baly, A. W. Crossley, and P. Haas.
(5) β-naphthylamine and its two tetrahydro derivatives. E. C. C. Baly and C. Smith.
(6) The Hydroquinone phthaleins and their derivatives. E. C. C. Baly and A. F. Girvan.

Department of Botany. (Professor F. W. Oliver.)

Marie Stopes.

(1) The Colonisation of a Dried River-Bed. (*New Phytologist*, vol. ii. p. 186.)
(2) The "Epidermoidal" layer of Calamite roots. (*Annals of Botany*, vol. xvii. p. 792.)

F. E. Fritsch, Ph.D., B.Sc.

(3) The use of Anatomical Characters for systematic purposes. (*New Phytologist*, vol. ii. p. 177.)
(4) Further Observations on the Phytoplankton of the Thames. (*Annals of Botany*, vol. xvii. p. 631.)
(5) Two Fungi parasitic on species of *Tolypothrix*. (*Annals of Botany*, vol. xvii. p. 649.)
(6) Studies on Cyanophyceæ, No. 1. (*New Phytologist*, vol. iii., April 1904.)

A. G. Tansley and Rosalie B. Lulham.

(7) The Vascular System of the Rhizome and Leaf-trace of *Pteris aquilina* and *Pteris incisa*. (*New Phytologist*, vol. iii. p. 1.)

Professor F. W. Oliver.

(8) On the Structure and Affinities of *Stephanospermum*, a genus of fossil Gymnosperm seeds. (*Linn. Trans.* 2nd ser. Bot., vol. vi. pt. 8.)

(9) Notes on *Trigonocarpus* and *Polylophospermum*, two genera of Palæozoic Seeds. (*New Phytologist*, vol. iii. no. 4.)

Professor F. W. Oliver and D. H. Scott.

(10) On the Structure of the Palæozoic seed *Lagenostoma Lomaxi*, with a Statement of the evidence upon which it is referred to *Lyginodendron*. (*Phil. Trans.* B. vol. 198.)

Ethel N. Thomas.

(11) A Consideration of the Bearing of Fertilization Phenomena and Embryo-sac Structure on the Origin of Monocotyledons. (*Brit. Assoc. Rep.* 1903.)

A. G. Tansley and Ethel N. Thomas.

(12) Root Structure in the Central Cylinder of the Hypocotyl. (*New Phytologist*, vol. iii., April 1904.)

A. G. Tansley has continued to edit *The New Phytologist*, to which he has contributed numerous articles, notes, and reviews.

Department of Zoology. (Professor E. A. Minchin.)

E. Warren.

(1) On the Anatomy and Development of *Distomum cirrigerum*, v. Baer. (*Quart. Journ. Micr. Sci.* (n. s.) xlvii. pp. 273–301, pts. xxiv.–xxvi.)

H. M. Woodcock.

(2) On Myxosporidia in Flatfish. (*Trans. Liverpool Biol. Soc.* xviii. pp. 46–62, pl. ii.)

(3) Note on a Remarkable Parasite of Plaice and Flounders. (*Trans. Liverpool Biol. Soc.* xviii. pp. 63–72, pt. iii.)

W. Woodland.

(4) On the Phylogenetic Cause of the Transposition of the Testes in Mammalia, with Remarks on the Evolution of the Diaphragm and the Metanephric Kidney. (*Proc. Zool. Soc. London*, 1903, i. pp. 319–340.)

Department of Public Health. (Professor H. Kenwood.)

Professor H. Kenwood and T. Stevenson.

(1) The Disinfection of Tuberculous Sputum. (Bacteriological experiments almost completed.)

Professor H. Kenwood and P. Wilkinson.

(2) Disinfecting Stations and their proper equipment. (*Journal of the Sanitary Institute*, vol. xxv.)

MYER COPLANS.

(3) The Etiology of Scurvy. (*Transactions of Epidemiological Society*, 1904.)

Professor H. KENWOOD.

(4) The Flooding of Basements in London with Sewage. (Address to a Meeting of the Sanitary Institute, Jan. 1904. *Trans. of the San. Inst.*, vol. XXV.)

Professor H. KENWOOD and G. E. RICHMOND.

(5) The Ammonia in the Atmosphere. (Experiments being continued.)

Department of Mechanical Engineering. (Professor J. D. Cormack.)

E. H. SPRAGUE.

Geometry for Technical Students. (Crosby, Lockwood & Son.)

Department of Electrical Engineering. (Professor J. A. Fleming.)

Professor J. A. FLEMING.

(1) A Handbook for the Electrical Laboratory and Testing Room. Vol. II. August 1903.

(2) On a Hot-wire Ammeter for the Measurement of small Alternating Currents. (*Proc. Phys. Soc.* vol. xix.; also *Phil. Mag.* May 1904.)

(3) A Note on the Measurement of Small Inductances and Capacities, and on a Standard of Small Inductance. (*Proc. Phys. Soc.* vol. xix.; also *Phil. Mag.* May 1904.)

(4) A Model illustrating the Propagation of Periodic Electric Currents in a Telephone Cable and a Simple Theory of the same. (*Proc. Phys. Soc.* June 1904; also *Phil. Mag.* August 1904.)

(5) On the Education of Electrical Engineers in London. (*Technics*, March and April, 1904.)

Department of Civil Engineering. (Professor L. F. Vernon-Harcourt.)

Professor L. F. VERNON-HARCOURT.

(1) Engineering as a Profession; and the Training required for its Practice. (*Public Schools Year Book*, 1904.)

(2) Report on the Protection of Poole Harbour, to the Poole Harbour Commissioners, 24th November, 1903. Poole, 1903.

(3) Prefatory Remarks on British Civil and Military Engineering Exhibits in Groups 25, 26, and 27. (*Departmental Catalogue of the British Liberal Arts Section, Royal Commission, International Exhibition, St. Louis*, 1904. London, 1904.)

Department of Geology and Physical Geography. (Professor E. J. Garwood.)

Professor E. J. GARWOOD.

The Geological Structure and Physical Features of Sikhim, with Geol. Map. (Roun Kaugchenjunga. Freshfield & Arnold, 1903.)

Department of Pathological Chemistry. (Professor Vaughan Harley.)

W. J. Harris.

The True Form of the Brachial Plexus and its Motor Distribution. (*Journal of Anatomy and Physiology.*)

Department of Pathology. (Professor Sidney Martin.)

C. Bolton.

(1) On Cytotoxins. (In preparation.)

Thomas Lewis.

(2) Observations upon the Distribution and Structure of Hæmolymph Glands, etc. (*Journ. Anat. and Phys.*)

Department of Physiology. (Professor E. H. Starling.)

W. M. Bayliss and E. H. Starling.

(1) Croonian Lecture, Royal Society, "On the Chemical Regulation of the Secretory Process."

Janet Lane-Claypon and S. B. Schryver.

(2) Initial Stages of Autolysis. (*Journ. of Physiol.* 1904.)

S. B. Schryver.

(3) Biochemical Synthesis. (*Proc. Physiol. Soc.* 1904.)

W. M. Bayliss and E. H. Starling.

(4) The Proteolytic Activity of the Pancreatic Juice. (*Journ. of Physiol.* 1903.)

F. A. Bainbridge.

(5) The Adaptation of the Pancreas. (*Journ. of Physiol.* 1904.)

H. H. Dale.

(6) The Islets of Langerhans of the Pancreas. (*Phil. Trans.* 1904.)

E. E. Henderson and E. H. Starling.

(7) The Relations of the Intraocular Tension to the Circulation through the Eyeball. (*Journ. of Physiol.* 1904.)

L. A. de Zilwa.

(8) The Chemical Composition of the Pancreatic Juice.

J. H. Parsons.

(9) The Ocular Circulation. (*Arris and Gale Lectures, R.C.S.*, 1903.)

W. Page May.

(10) On a previously undescribed Tract in the Spinal Cord. (*Proc. Physiol. Soc.* 1904.)

(11) The Movements and Innervation of the Stomach. (*Journ. of Physiol.* 1904.)

Professor E. H. Starling.

(12) A Primer of Physiology. (Murray.)

R. Stachelin.

(13) On the Poisonous Effects of Coal-Gas. (*Proc. Roy. Soc.* 1904.)

II. Postgraduate Courses of Lectures and Laboratory Work (1904–1905).

I.—FACULTY OF ARTS.

1. **LATIN.**—Prof. A. E. Housman, M.A.

   A Course of Lectures on Latin Textual Criticism with especial reference to Martial.

2. **GREEK.**—Prof. Arthur Platt, M.A.

   A Course of Lectures on Greek Metre.

3. **COMPARATIVE PHILOLOGY.**—Prof. J. P. Postgate, M.A., Litt.D.

   Courses of Lectures and Classes on The Comparative Etymology and The Comparative Syntax of Greek and Latin.

4. **SANSKRIT.**—Prof. E. J. Rapson, M.A.

   (*a*) A Course, introductory to the Study of Indian Philosophy on "The Vedāntasāra and its Commentaries."

   (*b*) A Course for Philological Students on "The Structure of the Sanskrit Language."

5. **HEBREW, etc.**—Prof. H. Gollancz, M.A., D.Lit.

   (*a*) Classes on Daniel and Ezra, parts of Isaiah and Samuel.

   (*b*) Two Courses on North Semitic Epigraphy by Dr. Hirschfeld.

6. **ENGLISH LANGUAGE AND LITERATURE.**—Prof. W. P. Ker, M.A., LL.D.

   (*a*) A Course of Lectures on the Literature of the Thirteenth and Fourteenth Centuries.

   (*b*) A Course of Lectures on Form and Style in English Poetry.

   (*c*) Courses of Lectures and Conferences on Germanic Philology, with reference to Old and Middle English, by Dr. John Lawrence, of Bedford College (under the Inter-Collegiate scheme).

   (*d*) A Series of Conferences on Old and Middle English by Dr. Gregory Foster.

7. **ICELANDIC AND SCANDINAVIAN PHILOLOGY.**—Dr. John Lawrence, of Bedford College (under the Inter-Collegiate scheme).

Classes for the study of Icelandic texts.

8. **ROMANCE PHILOLOGY, FRENCH LANGUAGE AND LITERATURE.**—Prof. Louis M. Brandin, M.A., Ph.D.

(*a*) Courses of Lectures on the History of Literary Criticism in France (XIXth century).

(*b*) Courses of Lectures and Classes on Historical French Grammar and on Romance Philology.

(*c*) Courses on Old Provençal Language and Literature.

(*d*) Five University Lectures on French Lyrical Poetry of the Middle Ages.

(*e*) Five University Lectures on the Romans d'Aventure.

9. **GERMANIC PHILOLOGY, GERMAN LANGUAGE AND LITERATURE.**—Prof. R. Priebsch, Ph.D.

(*a*) A Course of Lectures on the History of the Minnesang.

(*b*) A Course of Lectures on the History of German Literature (1748–1805).

(*c*) A Course of Lectures on Historical Grammar of the German Language.

(*d*) A Course of Lectures on the Life and Works of Wolfram von Eschenbach, with interpretation of his 'Parzival.'

(*e*) Seminar Classes.

10. **PHONETICS.**—Dr. E. R. Edwards.

(*a*) An Introduction to General Phonetics.

(*b*) The Application of Phonetics to Modern Language Teaching.

11. **ARCHÆOLOGY.**—Prof. E. A. Gardner, M.A.

The work in this Department is almost entirely of a post-graduate character.

The work of the Department consists of the following :—

(1) Lectures, usually once a week, on some artistic or archæological subject. The subjects are chosen so as to give some notion of the methods of archæological research.

(2) Demonstrations, mostly in the British Museum.

(3) Classes of a "Seminar" type, attended by a select number of Students; in these the Students usually read papers in turn, involving original research, or study of a difficult problem.

(4) Classes for practical work; *e. g.*, sorting and identifying casts of ancient coins.

(5) Independent work of various Students. The Professor attends at regular hours in the Yates Library to give help and advice with such work.

(6) Lectures on sites and in museums in Greece. The Professor gives a Course of these Lectures every year, fitting, in part at least, into the Easter Vacation. These lectures are attended by many of those employed in classical or historical teaching, including lecturers from Oxford, Cambridge, and other Universities in England and America, Masters in Public Schools, &c.

(7) The Yates Lectures, by the Professor and other teachers, appointed as need arises, on the various subjects prescribed for postgraduate students in Classical Archæology.

The Yates Library, which is open to Students in this Department, is well equipped as a working library, especially for classical archæology. There is also a certain amount of apparatus, such as photographs, casts, &c. The addition of a gallery of casts to illustrate the history of Sculpture is an urgent need, which it is hoped may soon be met.

12. **EGYPTOLOGY.**—Prof. Flinders Petrie, D.C.L., LL.D.

Courses of Lectures on History and Archæology are delivered during the First and Third Terms.

There is an almost complete Library of Egyptology, and also a collection of objects for Archæological study, and facilities for research are provided, and are largely used for advanced work.

During the Second Term, the Professor and his special students excavate in Egypt. There is a Special Fund—the "Egyptian Research Account"—which is devoted to the assistance of a student in Egypt each year.

13. **ASSYRIOLOGY.**—Dr. T. G. Pinches.

Arrangements will be made to suit the needs of Students.

14. **PHILOSOPHY.**—Prof. Carveth Read, M.A., and Dawes Hicks, M.A., Litt.D.

(*a*) Prof. Read will give a Course on the History of Philosophy and a Course on Metaphysics.

(*b*) Prof. HICKS will give a Course on Ethics and a Course on Greek Philosophy.

(*c*) An Advanced Course in Psychology.

(*d*) Advanced Courses on Logic will be given by Mr. A. WOLF, M.A.

(*e*) Dr. SULLY hopes to give a Course on the History of Modern Æsthetics.

15. **EXPERIMENTAL PSYCHOLOGY.**—Mr. W. MCDOUGALL.

Courses of Lectures with Laboratory work will begin in October and be continued throughout the Session.

The Reader is glad to afford opportunities for research in the laboratory and to advise students carrying on research there or elsewhere, *e. g.* in schools.

16. **POLITICAL ECONOMY.**—Prof. H. S. FOXWELL, M.A.

(*a*) A Course of Lectures on Currency, Banking, and Foreign Trade.

The Functions of Money, Metallic Currencies and Mintage, various Legal Tender Systems, Currency Parity; the English Banking System, the Reserve and the Discount Rate, Note Issue and the Bank Acts; the Foreign Exchanges; the Stock Exchange and the Economic Aspects of Speculative Dealing; Commercial Fluctuations, their causes and history; Foreign Trade.

(*b*) A Course of Lectures on PUBLIC FINANCE by Mr. C. P. SANGER.

(*c*) **Newmarch Lectures** on the Death-, Marriage-, and Birth-Rates in England and Wales during the latter half of the nineteenth century, by Mr. G. UDNY YULE.

(*d*) A Class on the Methods of Statistics.

(*e*) **Jevons Memorial Lectures**, by Mr. PHILIP WICKSTEED, on The Significance of Jevons' work as an Economist.

(*f*) A Class on the Mathematical Theory of Economics by Mr. SANGER.

17. **ECONOMIC GEOGRAPHY.**—Prof. L. W. LYDE, M.A., F.R.G.S.

Courses on Economic Geography.

18. **HISTORY.**—Professors F. C. Montague & A. F. Pollard.

(*a*) A Course on the First and Second Crusades.

(*b*) A Course on European History (1494–1598).

(*c*) A Course on English Constitutional History from 1485.

The Professors and Members of the Staff of the Faculty of Arts are prepared to make special arrangements for Research Students.

II.—FACULTY OF SCIENCE.

19. **PURE MATHEMATICS.**—Prof. M. J. M. Hill, D.Sc., F.R.S.

(*a*) One Lecture a week on the Theory of Functions.

(*b*) One Lecture a week on Elliptic Functions.

(*c*) One Lecture a week by Dr. Filon on Partial Differential Equations, Fourier's Series, Laplace's and Bessel's Functions, and Conformal Representation.

(*d*) One Lecture a week during the Third Term by Dr. Filon on the Arithmetic of the Infinite.

20. **APPLIED MATHEMATICS.**—Prof. Karl Pearson, M.A., LL.B., F.R.S.

Mathematical Physics. The Professor is always glad to assist Students in research work in the application of mathematics to physical problems, especially in the Theory of Elasticity. The Senior Analytical Course is designed to draw the attention of Students to physical problems awaiting mathematical solution.

Mathematical Theory of Statistics. Both lectures and practical work in this subject are especially intended for Postgraduate Students.

Provision will be made for two hours *Lectures* weekly and for two days *Practical Class*. The time and material will be selected to suit the knowledge of those desiring to do statistical work.

Lectures.—There will be an Elementary Course dealing with the General Theory of Statistics, Normal and Skew Variation, Normal Correlation, etc., or an Advanced Course on the Quantitative Theory of Heredity or other selected branch of Applied Statistics.

Practical Class.—Students will be taught on actual Statistical data to calculate various types of Statistical Measurements and Coefficients; they will be shown the use of tables and mechanical calculators; or if they have already obtained this experience, they

will be assisted in research work suited to their stage of progress. Statistical Students can work at any time on any days, and the Professor will always be able to see and discuss their work with them in the course of the day.

STATISTICAL AND BIOMETRIC LABORATORY (assisted by a Grant from the Worshipful Company of Drapers).

Assistant: J. BLAKEMAN, B.A., M.Sc.

Computator & Statistical Demonstrator: ALICE LEE, B.A., D.Sc.

Microscopist:

The Instrument Room is open every day from 9.30 to 5.30 for research workers; assistance is given with instruments, material and general guidance in either Applied Mathematics or Statistics. Research workers can start work at any time in the Session; it is necessary that they should have had an elementary preliminary training in either Mathematics or Biology, but the staff is always prepared to give aid and advice in investigations and to suggest problems upon which students and others may be trained in accurate and methodical enquiry. Students are reminded that degrees of the University of London can be now obtained by research work, and that the training thus gained is far more profitable than any mere examination curriculum for professions which demand careful observation and power of tackling novel problems.

21. **PHYSICS.**—Prof. F. T. TROUTON, M.A., D.Sc., F.R.S.

The Physical Laboratory is open during the year for Research Students under the guidance of the Professor, who will, if required, suggest subjects, and is always ready to give advice and assistance.

22. **CHEMISTRY.**—Prof. Sir WILLIAM RAMSAY, K.C.B., Ph.D., LL.D., Sc.D., F.R.S., and Professor J. NORMAN COLLIE, Ph.D., F.R.S.

(*a*) Advanced Course of *Physical Chemistry*. Lectures on this subject are delivered on Tuesdays and Thursdays, at 9, during the Second and Third Terms, twice weekly; also on the History of Chemistry on Saturday mornings at 9 during the Third Term.

(*b*) Lectures on recent discoveries in *Inorganic Chemistry* are delivered by Mr. J. K. H. INGLIS, and by other workers in Special Departments on subjects connected with their own research. The Lectures are given during the First and Second Terms.

(*c*) Advanced Course of *Organic Chemistry* by Professor NORMAN COLLIE and Dr. SMILES.

(*d*) A Course of Lectures by Mr. N. T. M. WILSMORE on Electro-Chemistry.

(*e*) A Course of Lectures on Radioactivity by Prof. Sir WILLIAM RAMSAY.

The Chemical Laboratory is largely attended by Research Students. Special facilities are provided for spectroscopic research, and for experiments requiring low temperatures.

23. **SPECTROSCOPY.**—Mr. E. C. C. BALY, F.I.C.

Courses of Lectures on Spectroscopy and Spectroscopic Appliances.

Mr. Baly will be glad to hear from any student desiring to undertake Research.

24. **GEOLOGY.**—Prof. GARWOOD, M.A.

Courses on Petrology and Palæontology will be given throughout the Session.

Facilities are given to Research Students, who are aided in investigation by the Professor.

25. **BOTANY.**—Prof. OLIVER, M.A., D.Sc.

Courses of Lectures on :—

(*a*) The Œcology of Plants, by Professor OLIVER, Assistant-Professor TANSLEY and Dr. FRITSCH.

(*b*) Plant Life in Water, by Dr. FRITSCH (*2nd Term*).

(*c*) The Principles of Classification in Flowering Plants, by Prof. OLIVER, Assistant-Professor TANSLEY, and Dr. FRITSCH (*3rd Term*).

Amongst recent additions to the Botanical Collections of the Department are :—

(i) A representative series of preparations and impressions illustrating the structure of the Plants of the Coal Measures.

(ii) The collections brought home by Mr. Tansley, illustrative of the floras of Ceylon, Malacca, and the Egyptian Desert.

(iii) The collections and surveys made by the Advanced Students of the Department during the summer expedition (1903) to the Norfolk Broads.

These, like the other Collections, are accessible to Students.

Students engaged upon original investigations in the Laboratory are admitted at a nominal fee.

26. **ZOOLOGY AND COMPARATIVE ANATOMY.**—Prof. E. A. MINCHIN, M.A.

(*a*) A course of Lectures on Experimental Embryology will be given by Mr. G. C. CHUBB during the Second Term.

(*b*) Prof. MINCHIN proposes to give a special course of Lectures on Porifera during the First Term, and on Hydrozoa.

(*c*) Other courses on special subjects or groups, suitable for those who wish to undertake research upon them, will be arranged.

Students whose qualifications are regarded by the Professor as satisfactory, are admitted to research work in the Laboratory.

The Laboratory is provided with aquaria, salt and fresh water, incubators, etc. The Professor is at all times ready to give advice and assistance to those engaged in original work.

27. PHYSIOLOGY.—Prof. E. H. STARLING, M.D., F.R.S.

The Laboratory is open for work from 9 A.M. to 5 P.M. It is well equipped for research in all branches—physical, chemical, and histological. Persons who are desirous of conducting original investigations are admitted to work in the Laboratory either without fee or at a small fee, under certain regulations which may be obtained from the Professor.

Special Courses of Lectures to advanced Students are given. Each Course will consist of eight to ten Lectures. The following will be given in 1904 and 1905:—

Professor STARLING.—"Recent Advances in Physiology."
Dr. W. M. BAYLISS.—"The Action of Ferments." (Second Course.)
Dr. W. PAGE MAY.—"Structure of the Central Nervous System."
Mr. J. H. PARSONS.—"Physiological Optics."
Mr. H. H. DALE.—"Nerve-Cells and Fibres."
Dr. SCHRYVER.—"The Chemistry of the Proteids."

The advanced course of Practical Experimental Physiology and Physiological Chemistry will be held on two days in the week during the First and Second Terms.

The advanced course of Practical Histology will be held five days in the week during the Third Term.

All these courses are designed as preparation for original work.

28. PATHOLOGICAL CHEMISTRY. — Prof. VAUGHAN HARLEY, M.D.

The Laboratory is open for work from 9 A.M. to 5 P.M., during which time an Assistant is constantly present.

Instruction is given to the Students at any time, in the methods of chemical analysis of various pathological substances, as of the blood, gastric contents, fæces, urine, etc.

Each member of the class is given actual material to analyse, and from the results obtained he is required to make a diagnosis, which is corrected if necessary.

Lecture demonstrations on the application of the results obtained by analysis, together with discussions on pathological chemistry, so as to show its value in the diagnosis and progress of disease, are given in the afternoons.

Specimens of interest, as they occur, are demonstrated to the classes.

The fee for the class, including apparatus and material, is Five Guineas.

The Laboratory is principally attended by Research Students, and special facilities are provided for carrying out Research work in general metabolism.

29. **PATHOLOGY AND MORBID ANATOMY.**—Prof. Sidney Martin, M.D., F.R.S.

Students are admitted for the purpose of carrying out original research in Pathology, Morbid Anatomy, and Bacteriology by arrangement with the Professor.

30 & 31. **MECHANICAL** (Prof. J. D. Cormack, B.Sc.) **AND ELECTRICAL** (Prof. J. A. Fleming, D.Sc., F.R.S.) **ENGINEERING LABORATORIES.**

Students may be admitted for the purpose of carrying out original work under the guidance of either of the Professors, provided they have acquired the necessary preliminary training.

32. **HYGIENE AND PUBLIC HEALTH.**—

Qualified Students are admitted with the approval of the Professor.

THE LIBRARIES.

(a) *The Science Library.*

During the Session 1903–4 Keys of the Science Library were issued to 26 students, and, during the first term of the Session 1904–5, to 29 students.

The sum of £166 7*s.* 4*d.* has been raised by the sale of duplicates of scientific works, and from this fund new books have been, and are being, purchased for the Science Library. The necessity for some permanent endowment to meet the increased demands made upon this section of the Library needs, however, to be again emphasized.

The Council of the British Association has proposed that the books received by the Association in exchange for its Reports should be deposited at the College, upon condition of the members of the Association having the right of consulting the College Library, and an agreement has been arrived at on these terms. These books, together with those received by the Geologists' Association, which now houses its Library at the College, make a very important addition to the periodicals taken for the Science Library.

(b) *The Modern Language Library.*

The University of London has continued its grant to the German section of this library. Keys of this library were issued to 15 students in the Session 1903–4, and to 10 students in the first term of the Session 1904–5.

The library of the Philological Society presented to the College in 1887 has been catalogued, and the Society have offered to exchange 12 copies of its 'Proceedings' annually to further augment this collection.

(c) *The General Library.*

The Crabb Robinson Trustees have made a grant of £100 for the furnishing of the General Library, and further book-cases have been provided. Two new book stores have been formed, giving room for 4240 and 1600 books respectively.

A very necessary reform is the relaying, in oak, of the floor of the General Library, and the provision of some layer of fire-proof material to isolate the Library from the laboratories below.

Two hundred and thirty-six books from the library of the late George H. Lewes, together with a portrait, have been presented to the Library by his daughter-in-law, Mrs. Charles Lewes.

One of the bays of the General Library has been set apart for the formation of a special Oriental Library, for the use more especially of Indian Civil Service students. A sum of £20 per annum out of the grant to the Indian School is allotted for the upkeep of this section of the Library; and it has also received a most important addition in the Library of the late Prof. Arthur Strong, which has been given to the College by Mrs. Strong. The Arthur Strong Library is essentially a working library, consisting of about 1000 carefully selected books, dealing with many branches of Oriental Studies, and containing, amongst other things, a valuable collection of Assyriological works.

(d) *The Medical Library.*

This library is becoming overcrowded, and in many parts the books have to be placed on the shelves in double rows.

THE MUSEUMS.

The re-arrangement and cataloguing of the Museum of Geology is still proceeding; the Professor and his Assistant, Miss Goodyear, expect to complete the work during the current Session. Valuable additions have been made to the Museum during the last year by donations of specimens, among which the most noteworthy were specimens presented by Professor Garwood, by the late Prof. Corfield, Mrs. Stopes, Dr. Tempest Anderson, Mr. and Miss Oldham, and by Dr. Marr.

The Museums of Anatomy and Zoology have received valuable gifts during the past year from Professors and from past and present Students, the number of new specimens in the Anatomical Museum amounting to 127. Dr. Hind and Dr. Nabarro have made valuable gifts to the Museum of Zoology.

Considerable additions have been made to the exhibitions in the Egyptology Museum during the past year, making the want of space more evident than before.

EVENING LECTURES AND MEETINGS.

The College has been open during the past Session five evenings in the week. Courses for qualified Engineers were delivered by Professors Fleming and Cormack, and a special Course in Naval Architecture by Mr. Bruhn.

Prof. Brandin's Public French Lectures have been well attended.

The Lectures delivered by Mr. Stopford Brooke and arranged by the Committee of the Stopford Brooke Lectureship Fund have been attended by about 600 persons.

The meetings of the Philological Society, the Political Economy Club, and the Geologists' Association are held regularly in the College.

Several educational Societies and organisations have held meetings in the College. The Council are glad to welcome such Societies.

UNION AND OTHER STUDENTS' SOCIETIES.

The reports of the Students' Societies show that the corporate life of the College is in a healthy condition. The Annual Report of the Union Society which is presented to the Council each year is evidence of the many-sided activity and usefulness of that organisation.

The Women's Union Society is not less active and is well supported by the Women Students.

The special Societies not included in the Union have done excellent work. Among the newer Societies the activity of the Musical and Mathematical Societies may be specially mentioned.

FOUNDATION-WEEK.

Foundation-Week was held during the first week of June. Prof. E. A. Gardner delivered the Oration, his subject being "Universities, Ancient and Modern."

THE COLLEGE GAZETTE.

The College Gazette was published regularly throughout last Session. Its place has been taken by a new publication entitled "The U. C. L. Union Magazine."

THE REFECTORY.

The Refectory has been completely re-decorated, the walls having been panelled with oak and a new ceiling provided. The Council are indebted to the subscribers (see p. 57) to the special fund for this purpose for enabling them to carry out this much needed work. A further sum of £200 is required to cover the cost.

THE PEEL MEMORIAL FUND.

The income of the Fund was expended in the purchase of books presented to the Yorkshire Union of Institutes, the Shetland Literary and Scientific Society, and the Knockholt Village Club, Kent.

VIII. SCHOOL.

The Council resolved to institute a limited competition for the plans of the proposed new buildings of the School on the site at Hampstead. Sir Aston Webb consented to act as Assessor, and in accordance with his report the design by Mr. Arnold Mitchell has been accepted. It is estimated that the buildings as planned by Mr. Mitchell with complete fittings and equipment will cost between £70,000 and £80,000. It will therefore be necessary to raise the sum of between £30,000 and £40,000 in addition to the sum originally provided. The plans of the buildings will be on view during the week preceding the Annual General Meeting. New Site and Buildings.

The following Table shows the number of boys in the School in each of the three terms of the last five sessions and in the first two terms of the current session :—

	1st Term.	2nd Term.	3rd Term.	Average for the year.
1899–1900....	309	314	335	319
1900–1901....	351	345	342	346
1901–1902....	368	383	375	375
1902–1903....	399	415	409	408
1903–1904....	383	377	380	380
1904–1905....	378	379		

During the past year the School has been completely reorganised. Elective curricula have been substituted for elective classes, and the "Form system" for the "Class principle."

Thirty-nine boys have passed the Matriculation Examination of London University, nine boys have passed the Intermediate Examination in Science, with three Honours and three First Classes.

The Commercial Department was inspected at Midsummer on behalf of the London County Council by Mr. Armitage Smith, M.A., and Mr. Geo. G. Chisholm, M.A., B.Sc. They report "that the work is very efficiently carried out by a staff specially qualified for the task, who bring to their labours both skill and enthusiasm." The boys of the second year were presented for the Schools' Examination of the London University (Matriculation Standard) and for a special examination conducted by the London County Council; 21 out of the 22 candidates were successful in the former, and all were awarded the Commercial Certificate. Fourteen boys completed the third year's Course; all of these obtained the Higher Commercial Certificate upon the result of the examination conducted by the London County Council.

The total number of Black Book entries for the year was 3.

By the death of Mrs. Tapson, the Tapson Bequest has become available for the Retired Masters' Fund and for the Prizes and Exhibitions, the regulations for which are contained in the Prospectus. Tapson Bequest.

A list of the Honours of the year is contained in the School prospectus: the following are the more important :— Honours etc.

Case Exhibition (£20)	*E. J. Salisbury.*
Horton Memorial Scholarship	*A. Goodwin.*
Juliana de Rothschild Prize	*J. Meek.*
Trevelyan-Goodall Art Scholarship	*S. Boyd.*
Major Exhibition, Balliol, Oxford	*W. A. C. Goodchild.*
Foundation Scholarship, Clare, Cambridge.	*L. A. Levy.*

THE BRANCH SCHOOL.

The Preparatory School at Hampstead makes satisfactory progress under the Head Master, Mr. C. Simmons. The Prizes were distributed on July 26th by the Principal of the College, who delivered an address on the work of the School as preparatory to that of University College School. There are now 71 boys in the School.

IX. HOSPITAL.

In the Report for 1903, the Committee stated that they confidently hoped that the whole of the New Hospital would be completed and ready for occupation by the end of the year 1904, but in consequence of delays in the work, the hope has not been realized. The completion is looked for at an early date, when 86 additional beds and cots will become available, the Dispensary Department, the remainder of the Out-Patient Department, comprising General Medical, and Surgical Waiting-hall, Medical, Surgical, Skin, Ophthalmic and Dental Examining Rooms, Eye and Skin Waiting-room, and a fully-equipped Electrical Department will be opened.

The whole of the Out-Patient Department will be warmed and ventilated upon the "Plenum" System.

The munificent gifts of Sir Donald Currie are referred to in full above (see pp. 22–24).

The Annual Donation of £100 has again been forwarded by the University College Hospital Ladies' Association towards the support of the "U. C. H. Ladies' Association Bed," and also many useful garments for the Patients.

In X-Ray treatment of various diseases, 2235 applications of the rays have been made during the year 1904. The cases treated include Lupus, Rodent-Ulcer, Cancer, Sycosis, Sarcoma, Mycosis fungoides, Elephantiasis Græcorum, Capillary Nævus, and other diseases. 275 cases have been radiographed, and very numerous radioscopic examinations of various cases have been made.

The following deaths have, much to the regret of the Committee, occurred during the past year amongst the Consulting Staff of the Hospital:—

Sir Henry Thompson, Bart., F.R.C.S. (Consulting Surgeon), who since 1856 had given the Hospital his valuable services. During that long period the numerous and important contributions made by him to Surgical Science not only established his own great reputation, but added distinction to the Hospital and Medical School.

S. John Hutchinson, Esq., M.R.C.S., L.D.S. (Consulting Dental Surgeon), who had been attached to the Hospital sine 1883, and whose premature death is much regretted by his Colleagues and the Hospital Committee.

George Vivian Poore, M.D., F.R.C.P. (Consulting Physician), who had given the Hospital his valuable services since 1875, and had added greatly to its reputation. He for many years urged the rebuilding of the Hospital, and by the active steps which he took with that object, largely contributed to the carrying out of the great work which he had so much at heart.

The Committee have received with much regret during the past year, the resignation of Mr. John Tweedy, P.R.C.S., Ophthalmic Surgeon to the Hospital, who from 1881 has rendered most valuable service to the Hospital.

The following appointments have been made during the past year :—

Mr. John Tweedy, P.R.C.S.—Consulting Ophthalmic Surgeon.
Mr. Percy Flemming, F.R.C.S.—In charge of Ophthalmic Beds.
Mr. J. Herbert Parsons, F.R.C.S., D.Sc.—Assistant Surgeon to Ophthalmic Out-Patients.
Prof. H. R. Kenwood, M.B., D.P.H., F.C.S.—Honorary Sanitary Adviser *vice* Prof. Corfield, deceased.
Mr. R. R. Bennett.—Pharmacist *vice* Mr. H. Wilson, Senior Dispenser.

A bed, which has been named the "Emma Tapson Bed," has been endowed under the will of the late Robert Tapson, Esq., French Master at University College School from 1860 to 1890.

In the new wing shortly to be opened, several one-bed wards have been provided, and afford excellent opportunities for the Benevolent to improve the Income of the Charity by endowing and naming the wards. In the new Childrens' Ward 25 cots are at present neither named nor endowed.

The Committee would be gratified to receive offers for these suggested endowments, either in one sum or by instalments.

ANNUAL SUBSCRIPTIONS (1903-04).

		£	s.	d.
The President (Lord Reay)		25	0	0
The Treasurer (Sir Richard Farrant)		52	10	0
The Principal (Dr. G. Carey Foster)		5	0	0
Mr. G. A. Aitken		1	1	0
Dr. W. H. Allchin	(For 5 years)	5	0	0
Mr. W. Ashburner	(For 5 years)	5	0	0
Mr. Walter Baily		10	0	0
Dr. W. M. Bayliss		10	0	0
Mr. C. F. T. Blyth		1	1	0
Sir E. H. Busk	(For 5 years)	5	0	0
Mr. M. Carteighe		20	0	0
†Sir Arthur Charles	(For 5 years)	5	0	0
Dr. P. T. Duncan		5	0	0
Mr. J. A. Eccles		10	0	0
Egyptian Exploration Fund		10	0	0
Mr. N. Eumorfopoulos	(For 5 years)	5	0	0
Mr. Edward Filliter		3	3	0
Mr. L. N. G. Filon		2	2	0
Lord Edmond Fitzmaurice		10	0	0
Dr. T. Gregory Foster		5	0	0
Mr. F. Douglas Fox		1	1	0
Mr. Wm. Francis		5	0	0
Dr. F. W. Goodbody		*43	10	0
‡Dr. Charles Graham	(For 4 years)	25	0	0
Miss Eleanor Grove		1	1	0
Professor Vaughan Harley		*50	0	0
Professor M. J. M. Hill		*5	0	0
Professor Sir Victor Horsley		*65	0	0
Professor A. B. Kennedy	(For 5 years)	10	10	0
Professor W. P. Ker	(For 5 years)	5	0	0
Miss Florence Lee		1	1	0
Professor Bunnell Lewis		5	0	0
Mr. Henry Lucas		5	5	0
Mr. N. Micklem		5	0	0
‡Mrs. Nathaniel Montefiore	(For 5 years)	20	0	0
Miss Rosa Morison		2	2	0
Dr. D. K. Morris	(For 5 years)	2	2	0
Mr. F. Nettlefold		10	0	0
Mr. Richard Pennington		5	5	0
Professor J. A. Platt		5	0	0
Sir Augustus Prevost, Bart.		5	5	0
Professor Sir Wm. Ramsay		*20	0	0
do. do.		5	0	0
Lady Russell Reynolds	(For 5 years)	5	0	0
Dr. H. Meredith Richards		1	1	0
Sir John Rotton		5	0	0
Mr. T. Savage		3	0	0
Mr. W. Arthur Sharpe		5	5	0
Rt. Hon. Lord Shuttleworth		10	0	0
Lord Justice Stirling	(For 5 years)	5	0	0
Carried forward		531	5	0

† £25 paid. ‡ £100 paid. * For special purposes.

	£	s.	d.
Forward	531	5	0
Mrs. S. Stirling	1	1	0
Sir J. W. Swan (For 5 years)	10	0	0
Mr. Sedley Taylor	5	0	0
Professor G. D. Thane (For 5 years)	5	0	0
Sir Henry Thompson, Bart.	5	5	0
Professor F. T. Trouton	*100	0	0
Professor John Tweedy (For 5 years)	25	0	0
Mr. Edwin Waterhouse	5	5	0
Professor W. F. R. Weldon (For 5 years)	5	0	0
Mr. William Wills	1	1	0
Mr. W. H. Winterbotham	5	0	0
Mr. T. McKinnon Wood	5	0	0
Mr. R. Worsley	5	0	0
Mr. G. Udny Yule	2	0	0
	£710	17	0

DONATIONS (1903–04).

	£	s.	d.
Mr. W. H. Lever	50	0	0
Dr. W. Page May	*25	10	0
Professor E. A. Minchin	*3	10	0
Professor Carveth Read	5	0	0
	£84	0	0
Professor A. E. Housman	*12	10	0
Professor J. A. Platt	*12	10	0
Crabb Robinson Trustees	*197	0	0
	£306	0	0

* For special purposes.

PSYCHOLOGICAL LABORATORY SUBSCRIPTION.

Miss A. A. Wood	£1	0	0

DEPARTMENT OF PHARMACOLOGY.

	£	s.	d.
Mr. H. S. Wellcome (1903–04)	105	0	0
Mr. M. Carteighe (1904–05 and two following years)	100	0	0
	£205	0	0

FUND for the Improvement and Decoration of the REFECTORY (1904–05).

	£	s.	d.
Crabb Robinson Trustees	150	0	0
The Treasurer (Sir Richard Farrant)	25	0	0
Professor F. T. Trouton	25	0	0
The Principal (Dr. T. Gregory Foster)	20	0	0
Mrs. Sophie Foster	20	0	0
Mr. C. G. Montefiore	10	0	0
Mr. Walter Baily	10	0	0
Mr. Henry Lucas	5	0	0
	£265	0	0

LIBRARIES.

The Donations to the Libraries during 1904 were as follows:—

	Vols.	Pmph.
Academy, Publishers of the	2	0
Admiralty Medical Department	1	0
Analyst, Publishers of the	1	0
Argentina, Government of	2	0
Army Medical Department	1	0
Ashby, H. T.	2	1
Asociacíon Barcelonesa de Amigos de la Enseñanza	1	0
Association of American Physicians	1	0
Astronomer Royal	4	0
Athenæum, Publishers of the	2	0
Bastian, Dr. H. C.	2	0
Bickerton, Prof. A. W.	1	0
Bland-Sutton, J.	1	0
Board of Education	1	0
Board of Trade	8	0
Brandin, Prof. L. M.	1	1
Brazil, Government of	2	1
British Association	1	0
British Astronomical Association	2	0
British Dental Association	1	0
British Museum, Trustees of the	21	0
Brough, B. H.	0	1
Camera Club	1	0
Canada, Government of	4	20
Canadian Pacific Railway	1	0
Cape of Good Hope, Government of	1	0
Castanheira das Neves, J.P.	0	1
Chambers, R. W.	7	0
China Imp. Maritime Customs	12	0
Christiania, Videnskabs-Selskabs	3	0
College, Calcutta Sanskrit	2	0
,, Glasgow and West of Scotland Technical	1	0
,, Gordon Memorial, Khartoum	1	0
,, King's, London	1	0
,, Merchant Venturers' Technical, Bristol	1	0
,, of Preceptors	1	0
,, Sydney Technical	1	1
,, University, Bristol	2	0
,, ,, Dundee	1	0
,, ,, North Wales	1	0
,, ,, Nottingham	1	0
,, ,, South Wales	2	0
Coubertin, P. de	1	0
Cust, Dr. R. N.	1	0
Dechesne, L.	0	1
Dental Surgeon, Publishers of	0	9
Electrical Engineer, Publishers of	2	0
Ely, Dr. Talfourd	1	1
Egypt, Government of	1	0
Foster, Dr. G. Carey	4	0
Furnivall, Dr. F. J.	3	2
Garwood, Prof. E. T.	9	0
Geologists' Association	1	0
Glasgow School of Art	0	1
Gowers, Sir W. R.	2	0
Graham, Dr.	3	0
Hackney Institute	0	1
Hargreaves, A.	1	0
Harper & Brothers, Messrs.	1	0
Heinemann, Messrs.	4	0
Herring, H. T.	3	0
Hicks, Prof. G. Dawes	2	0
Hill, Prof. M. J. M.	1	0
House of Commons	1	0
Hughes, C. E.	1	0
Imperial Library, Calcutta	2	0
India, Government of	13	2
,, Office	2	0
Institute of Bankers	1	0
,, Chemistry	0	4
,, Marine Engineers	1	0
Institution of Civil Engineers	5	0
,, Electrical Engineers.	1	0
,, Engineers and Shipbuilders in Scotland	1	0
,, Mechanical Engineers	1	0
,, Naval Architects	5	0
Iron and Steel Institute	4	0
Italy, Government of	1	0
Japan, Government of	1	0
John Crerar Library	0	1
John Rylands Library, Manchester	0	2
Johns Hopkins Hospital	2	0
Juler, H. E.	1	0
Ker, Prof. W. P.	9	0
Korab, Prince	2	0
Leppington, Miss B.	1	0
Lewes, Mrs. C.	236	0
Lewis, Bunnell	0	1
Lewis, S. T.	1	0
Local Government Board	3	4
London, Corporation of	1	0
London County Council	2	0
Manchester Steam Users' Association	0	1
Marine Biological Association of W. of Scotland	0	1
Marks, Miss C. I.	6	0
Martin, L'Abbé L.	0	1
Martin, Prof. S.	1	0
Michigan College of Mines	1	1
Mimir, Publishers of	1	0
Moore, Canon E.	1	0
Moseley, Alfred	1	0
Murison, Prof. A. F.	6	3
National Association for the promotion of Technical and Secondary Education	0	4
New South Wales, Government of	1	0
Parsons, Dr. J. H.	1	0
Payen-Payne, de V.	0	4
Pearson, Prof. Karl	40	3
Platt, Prof. J. A.	2	2
Poore, Prof. G. V.	2	0
Porter, Miss L.	1	0
Postgate, Prof. J. P.	2	0
Poynton, Dr. F. J.	0	1
Practitioner, Publishers of the	2	0
Prevost, Sir Augustus	1	0
Ramsay, Sir William	30	0
R. Accademia dei Lincei, Rome	4	0
R. Scuda di Applicazione per gl'Ingegneri in Roma	1	0
Reay, The Rt. Hon. Lord	29	15
Reich, Dr. H.	0	1
Reynolds, Lady F. Risien	1	0
Rockefeller Inst. for Medical Research	2	0
Rotton, Sir John F.	15	0
Royal Academy of Medicine in Ireland	1	0
Royal Army Medical Corps	2	0

	Vols.	Pmph.
Royal College of Physicians, London	1	0
,, ,, Surgeons, England	1	0
Royal Colonial Institute	1	0
Royal Engineers' Institute	1	0
Royal Institute of British Architects	2	0
Royal Institution of Great Britain.	1	0
Royal Irish Academy	1	0
St. Marylebone, Borough of	1	1
Sawyer, Sir James	1	0
Schäfer, Prof. E. A.	2	0
Scotland, Keeper of the Records	1	0
Sharpe, Miss E.	12	0
Skeel, Dr. C. A. J.	1	0
Society of Accountants and Auditors	1	0
,, of Antiquaries	1	0
,, Aristotelian	1	0
,, of Arts	1	0
,, British Balneological and Climatological	1	0
,, Cambridge Philosophical	0	4
,, Chemical	8	0
,, of Chemical Industry	1	0
,, Clinical	1	0
,, of Engineers	1	0
,, Freniatrica Italiana	0	1
,, Incorporated, of Authors	1	0
,, International Buddhist	0	3
,, Laryngological	1	0
,, London Mathematical	2	0
,, Manchester Statistical	1	0
,, New York Pathological	1	0
,, Obstetrical	1	0
,, Pathological, of London	1	0
,, Pharmaceutical	5	0
,, Philological	11	3
,, Physical	1	0
,, Röntgen	0	2
,, Royal Astronomical	2	0
,, Royal, of Canada	1	0
,, Royal, of Literature	2	0
,, Royal, of London	5	2
,, Royal, of Victoria	0	2
,, Royal Medico-Chirurgical	1	0
,, Royal Microscopical	1	0
,, Royal Statistical	1	0
,, for the Study of Inebriety	1	0
,, Tokyo Zoological	0	2
,, West London Medico-Chirurgical	1	0
,, Zoological, of London	3	0

	Vols.	Pmph.
South African Museum	1	0
Spurgeon, Miss C. F. E.	1	0
Starling, Prof. E. H.	3	0
Tansley, A. G.	0	6
Thomasson, L.	6	0
Treasury, Lords Commsrs. of the	3	0
Tufts College, U.S.A.	0	1
United States, Government of	10	12
University of Aberdeen	1	0
,, of Coimbra	1	2
,, of Edinburgh	2	0
,, of Glasgow	1	0
,, Harvard, Cambridge, Mass.	2	0
,, of Jassy	0	1
,, of Kyoto	0	1
,, Laval, Quebec	1	0
,, of Leeds	1	1
,, Leland Stanford, Jr., California	1	0
,, of Lille	1	0
,, of Liverpool	1	0
,, of London	8	0
,, McGill, Montreal	5	0
,, of Manchester	1	0
,, of Melbourne	1	0
,, of Michigan	0	1
,, of Nebraska	0	1
,, of Padua	1	0
,, of St. Andrews	1	0
,, of Sydney	1	0
,, of Texas	0	1
,, of Tokyo	3	19
,, of Toronto	1	0
,, of Vienna	0	5
,, of Wurzburg	0	6
University Club, New York	1	0
University College Classical Library	4	0
,, ,, Union Society	0	1
,, Correspondence College	1	0
Vernon-Harcourt, Prof. L. F., M.A.	12	0
Ward, Dr. H. A.	1	0
Watson, Prof. W.	2	0
Whitaker, L.	1	0
Williamson, Mrs.	57	0
Willoughby, Dr. E. F.	5	0
Wilsmore, N. T. M.	3	0
Worcester Polytechnic Institute	1	0
Zeitschrift für das gesamte Brauwesen, Publishers of	1	0

Dr. COLLEGE ESTABLISHMENT.—INCOME AND

INCOME.	1903–1904. £ s. d.	1903–1904. £ s. d.	1902–1903. £ s. d.
COLLEGE:			
Students' Fees, including proportions of L.C.C. and Parliamentary Grants as under and other fee receipts	15,872 4 6	.....	15,229 11 6
Ditto, Chemistry Department	1,621 0 0	.....	1,526 8 0
		17,493 4 6	
Share of Hospital Fees	.....	399 0 0	547 0 0
Chemistry Department, Donations &c. for Assistants and Apparatus	.....	160 10 6	122 5 0
DIVIDENDS from Invested Funds, viz.:—			
Bacon Fund	36 9 8	.....	36 19 11
Brundrett Fund	33 9 6	.....	33 11 0
Cama Fund	3 8 1	.....	3 8 9
College Fund	54 1 6	.....	60 7 6
Hebb Fund	12 11 4	.....	12 11 6
Holme Fund (Medical School Expenses)	843 7 9	.....	902 15 8
Library Deposit Fund	8 2 4	.....	8 1 8
		991 10 2	
Rents, &c.	.....	176 3 10	230 2 4
Parliamentary Grant, Session 1903–1904	3,000 0 0		
Less appropriated for Students' Fees above	92 8 0		
		2,907 12 0	2,882 8 0
Subscriptions and Donations in response to Appeal of February 1901	.....	794 17 0	717 6 0
London County Council Grant	3,114 3 9		
Less appropriated for Professors' share of Fees	980 0 0		
		2,134 3 9	1,000 0 0
Crabb Robinson Trustees Grants for Rent of Athletic Ground	70 0 0		
,, ,, ,, for renovating Pavilion at Acton	27 0 0		
,, ,, ,, for Library	100 0 0		
		197 0 0	111 0 0
Balance of Sir F. H. Goldsmid's Fund Dividends	.....	841 14 3	831 4 6
Trust Funds for Expenses of Administration	.....	294 0 0	191 0 0
Sundry Receipts in respect of Apparatus, Examination, and Registration Fees	.....	70 7 10	66 16 4
Sales of Calendars, Calendar Advertisements, and Museum Catalogues	.....	59 1 9	52 2 9
Locker Rents	.....	106 10 0	107 18 0
Evening Class Fees	.....	108 3 0	64 1 0
Payments by various Societies for lighting, &c.	.....	98 17 2	165 17 7
Chemistry Apparatus proportion of Fees repaid in view of new financial arrangements with University of London	.....	.....	134 7 6
SCHOOL:			
Tuition Fees	8,251 19 0	.....	8,762 5 0
Entrance Fees	33 15 0	.....	49 17 6
Gymnastic Fees	93 11 0	.....	99 17 0
Drawing Fees	75 10 0	.....	69 5 0
Carpentering Fees	86 0 0	.....	100 0 0
Shorthand Fees	25 4 0	.....	38 3 0
Fines in lieu of notice	12 12 0	.....	5 5 0
Sales of Books, Drawing Materials, and Apparatus	804 2 1	.....	798 5 7
		9,382 13 1	
BRANCH SCHOOL:			
Tuition Fees and sundry receipts	.....	1,915 4 0	1,863 15 0
			36,823 17 7
College General Capital Account, Balance on the year being Excess of Expenditure over Income (see Balance Sheet, page 64)	.....	1,940 6 3	774 0 1
		£40,070 19 1	£37,597 17 8

COLLEGE, LONDON.

EXPENDITURE ACCOUNT.—SESSION 1903–1904. *Cr.*

EXPENDITURE.	£ s. d.	1903–1904. £ s. d.	1902–1903. £ s. d.
COLLEGE SOLELY:			
Professors' Salaries	2,825 0 0	.....	2,638 13 8
,, Share of Fees	7,465 4 1	.....	7,182 10 4
Fees Returned	168 0 0	.....	118 2 6
		10,458 4 1	
Assistants' Salaries and Grants to Professors for Apparatus and for Repairs to Apparatus	.....	3,024 17 11	1,984 5 0
Class of Chemistry, Assistants, Attendants, and Apparatus	1,298 15 7	.....	1,273 5 2
Fees Returned	22 1 0	.....	11 11 0
		1,320 16 7	
Chemistry Alterations Account, amount written off	.....	200 0 0	
Advertising, Printing, and Stationery	.....	907 15 0	795 10 0
Prizes	.....	128 7 2	149 18 3
Postage and Miscellaneous Expenses	.....	138 17 0	123 11 2
Holme Professors, Teachers and Apparatus	.....	759 14 0	718 0 10
Special Apparatus &c. provided from Subscriptions Account (Appeal of February 1901)	.....	294 12 2	245 8 6
Examiners' Fees	.....	25 5 0	24 4 0
Evening Classes	.....	101 17 4	53 19 3
Lady Superintendent's Salary	.....	100 0 0	100 0 0
Library Expenses and Repairs, including Librarian's and Library Assistants' Salaries (less £4 9*s.* 0*d.* Sundry receipts)	.....	696 0 5	502 2 3
Museum and Laboratory Attendants &c.	.....	1,008 8 6	925 15 0
Installation of Electric Light	.....	36 0 4	27 1 0
Psychological Laboratory	.....	15 15 0	42 0 0
Athletic Ground: Rent and renovation of Pavilion	.....	97 0 0	55 0 0
Slade School: Fine Art Models	.....	124 16 0	
Medical Entrance Exhibitions for Scholars, and Advertising same	.....	83 9 6	134 8 0
Geology Museum, proportion of fees	.....	21 0 0	13 13 0
SCHOOL SOLELY:			
Masters' Salaries (including £80 transferred to Retired Masters' Fund for Investment and £38 9*s.* 2*d.* transferred to Masters' Salaries Suspense Account)	6,556 14 0	.....	6,966 13 9
Fees returned	6 6 0		
Teacher of Gymnastics	93 11 0	.....	99 17 0
Carpentering: Teachers and Expenses	43 0 4	.....	42 7 4
Shorthand Teacher	25 4 0	.....	38 3 0
Books, Drawing Materials, Advertising, Printing, Stationery, Postages, and Apparatus	890 8 6	.....	973 14 7
Prizes (less £8 3*s.* 0*d.* Sundry receipts)	47 9 7	.....	28 13 3
Contribution to Expenses of Distribution of Prizes	7 10 0	.....	7 10 0
Beadles, Attendants, and Liveries	194 6 6	.....	188 2 0
Installation of Electric Light	.....	.....	12 5 0
		7,864 9 11	
BRANCH SCHOOL (including £4 transferred to Retired Masters' Fund for Investment)	.....	1,776 5 7	1,793 17 8
COLLEGE AND SCHOOL JOINTLY:			
Salaries of Administrative Staff	.....	1,513 16 4	1,383 18 2
Late Secretary (Pension)	.....	250 0 0	250 0 0
Auditor's Fee	.....	31 10 0	31 10 0
Beadles, Porters, and Liveries	.....	1,292 4 8	1,299 6 11
Law Expenses	.....	2 2 0	39 0 2
Interest on Loans	.....	807 15 0	924 5 11
Rates, Taxes, and Insurance	.....	1,847 2 11	1,813 19 8
Additions, Alterations and Repairs to Buildings, Fittings and Furniture	1,673 5 9	.....	1,394 15 5
Ditto, House Carpenters and Materials	526 12 10	.....	520 3 8
New Drainage Works	1,081 13 4	.....	817 0 0
		3,281 11 11	
Fire and Light	.....	1,559 9 4	1,531 0 1
Household Stores	.....	239 13 3	264 15 8
Garden and Grounds	.....	62 2 2	57 19 6
		£40,070 19 1	£37,597 17 8

JOHN HENNELL.
GEORGE A. AITKEN.
EDWIN WATERHOUSE, F.C.A. } *Auditors.*

January 13th, 1905.

Dr. COLLEGE TRUST FUNDS.—INCOME AND

INCOME.	1903–1904. £	s.	d.	1902–1903. £	s.	d.
To Trust Fund Dividends, viz.:—						
Andrews	189	12	11	187	6	3
Astor	503	19	11	671	8	1
Atchison	114	5	4	113	10	2
Atkinson-Morley	169	19	4	167	18	6
Barlow	24	8	1	25	17	7
Bayliss	20	18	9	.....		
Berridge	283	14	5	281	17	2
Bruce	9	10	9	9	8	4
Bucknill	149	8	5	147	11	1
Campbell Clarke	42	17	10	21	5	7
Carpenter		19	0		18	11
Case	25	10	1	25	3	11
Cluff	7	12	6	7	10	8
Cook	5	7	8	5	7	2
Crabb Robinson	91	0	8	90	1	10
De Moleyns	14	6	8	15	3	9
Derby	56	15	7	56	7	9
Edwards	142	5	11	140	7	3
Ellen Watson	16	14	0	16	2	5
Emanuel	5	0	0	4	18	9
Erichsen	14	9	7	14	6	3
Fellowes	17	3	8	17	1	8
Fielden	190	12	5	188	6	8
Filliter	33	2	8	32	14	5
Goldsmid Professorships	93	6	4	92	14	4
Goldsmid, Sir F. H., Bart.	1,253	7	7	1,236	4	6
Goodall	19	6	9	19	2	1
Grant	62	17	4	62	8	6
Grote	212	5	1	209	14	2
Hawkes-Tucker	4	3	3	4	2	8
Heimann	1	13	7	1	13	2
Hollier	145	10	5	154	10	5
Holloway	77	10	4	76	11	6
Horton	20	5	5	20	2	8
Hume	53	9	1	52	17	10
Jews' Commemoration	27	10	9	27	18	1
Jodrell Physiology	252	5	9	249	5	1
Jodrell Zoology	240	16	9	237	19	0
Lewis	2	18	0	2	17	6
Liston	11	6	1	10	3	6
Malden	22	5	0	22	0	11
Mayer de Rothschild	48	7	5	43	19	9
Mill	19	0	11	18	16	4
Morley		12	10		12	8
Morris Bursary	15	13	6	15	9	9
Morris, John	3	17	10	3	17	4
Nettleship	3	16	4	3	15	0
Newmarch	58	0	0	57	10	10
Peel	41	12	1	44	3	3
Peene	49	8	0	48	15	9
Pender Memorial	131	5	3	138	3	6
Postgate	1	18	3	1	11	6
Quain	1,630	4	8	1,590	6	6
Quain Law	362	3	9	356	3	6
Retired Masters	141	7	8	73	1	0
Retired Professors	217	1	9	213	9	0
Ricardo	42	8	6	41	19	1
Savage	4	7	0	4	6	4
Schäfer	5	17	4	5	16	6
School Science	17	0	8	16	18	10
Sharpey	101	9	3	99	16	6
Slade Prizes	70	7	7	69	9	4
Slade Professorship	220	17	2	218	4	3
Slade Scholarships	304	15	6	301	1	7
Tapson Exhibitions	18	16	4	.....		
Tapson Scholarships	71	4	11	40	3	0
Thompson-Yates	30	0	6	14	17	11
Tuffnell	165	3	0	163	3	2
Tuke	1	18	0	1	17	7
Warr	2	17	4	2	17	2
West	28	11	11	28	5	0
Women's History	8	14	9	.....		
Yates Archæology	369	9	6	390	7	5
Yates Geology	229	9	6	235	10	10
				£8,965	10	3
Balance on the year, being Excess of Expenditure over Income	.....			420	18	2
	£9,048	12	8	£9,386	8	5

EXPENDITURE ACCOUNT.—SESSION 1903–1904. *Cr.*

EXPENDITURE.	1903–1904. £	s.	d.	1902–1903. £	s.	d.
By Application of Trust Fund Dividends, viz.:—						
Andrews: Scholars and Expenses	215	0	0	170	0	0
Astor: Professors	491	7	10	684	0	2
Atchison: Scholars and Expenses	115	0	0	115	0	0
Atkinson-Morley: Surgical Museum Catalogue Fund, Curator, Examiners, Scholar, and Expenses	154	0	2	268	16	2
Barlow: Lecturer and Expenses	24	8	1	25	17	7
Berridge: Professors and Lecturer	326	11	0	286	0	0
Bruce: Medal and Expenses	9	7	6	29	5	4
Bucknill: Scholars and Examiners	17	10	0	255	5	0
Campbell Clarke: Scholar and Expenses	45	0	0	.....		
Carpenter: Prize		19	0		18	11
Case: Exhibition	25	10	0	25	0	0
Cluff: Prize	.....			15	0	0
Cook: Prize	5	7	8	5	7	2
Crabb Robinson: Beadles and Repairs to Flaxman Gallery	80	19	0	76	19	3
De Moleyns: Electrical Apparatus	13	19	7	15	10	10
Derby: Scholar, Curator and Expenses	112	7	6	157	6	3
Edwards: Professor	142	3	10	141	0	0
Ellen Watson: Scholar and Expenses	2	0	0	15	0	0
Emanuel: Prize	5	0	0	4	18	9
Erichsen: Instruments and Expenses	17	8	3	15	15	0
Fellowes: Medals and Expenses	16	5	0	16	7	6
Fielden: Professors and Scholars	153	2	6	184	14	7
Filliter: Scholar and Expenses	31	0	0	31	0	0
Goldsmid Professorship: Professors	93	6	4	92	14	4
Goldsmid, Sir F. H., Bart.: Professors and Expenses	411	13	4	405	0	0
,, ,, ,, : College Establishment	841	14	3	831	4	6
Goodall: Scholar	20	0	0	20	0	0
Grant: Books and Binding	54	4	2	71	16	3
Grote: Professor	212	0	7	209	14	2
Hawkes-Tucker: Prize	4	3	3	4	2	8
Hemmann: Medals	1	11	0	1	11	0
Hollier: Professor, Scholars, and Expenses	186	8	4	244	15	0
Holloway: Exhibitioners	75	8	0	76	9	0
Horton: Scholar	20	0	0	20	0	0
Hume: Scholars and Expenses	46	13	0	56	13	0
Jews' Commemoration: Scholars, and Expenses	31	10	0	31	10	0
Jodrell Physiology: Professor	252	5	9	249	5	1
Jodrell Zoology: Professor	240	16	9	237	19	0
Lewis: Prize	2	18	0	2	17	6
Liston: Medals and Expenses	17	0	0		4	0
Malden: Scholar and Medal	21	13	0	21	13	0
Mayer de Rothschild: Scholar and Expenses	155	0	0	105	0	0
Morley: Medal		13	0		12	5
Morris Bursary: Bursar	.....			15	0	0
Morris, John: Prize	.....			3	17	0
Nettleship: Prize	3	16	4	3	15	0
Newmarch: Lecturer	58	0	0	57	10	10
Peel Memorial: Books, &c. for Working Men's Societies	45	11	4	44	7	8
Peene: Purchase and binding of Books	49	5	3	56	4	11
Pender Memorial: Electrical Apparatus	131	5	3	138	3	6
Quain: Professors, Assistants, and Apparatus	1,659	4	3	1,752	18	7
Quain Law: Professor and Expenses	360	0	0	354	12	8
Retired Masters	96	13	4	10	0	0
Retired Professors	30	0	0	30	0	0
Ricardo: Professor and Books	48	12	11	10	18	0
Savage: Prize	4	7	0	4	6	4
School Science: Prizes	13	0	0	2	0	0
Sharpey Scholarship: Scholar	101	9	3	99	16	6
Slade Prizes: Prizes	68	0	0	67	0	0
Slade Professorship: Professor	220	17	2	218	4	3
Slade Scholarships: Scholars, Models and Expenses	290	14	0	471	13	0
Tapson Exhibitions: Expenses	2	0	0	.....		
Tapson Scholarships: Expenses	1	10	0	25	0	9
Tuffnell: Scholars and Expenses	165	0	0	207	11	6
Tuke: Medals	1	4	6	1	14	6
West: Scholar and Expenses	32	0	0	32	0	0
Women's History: Books	8	14	9	.....		
Yates Archæology: Professor, Library, &c.	530	3	10	297	10	0
Yates Geology: Professors	239	5	8	260	0	0
	£8,854	0	6			
Balance on the year, being Excess of Income over Expenditure (See Balance Sheet, page 64.)	194	12	2			
	£9,048	12	8	£9,386	8	5

JOHN HENNELL.
GEORGE A. AITKEN.
EDWIN WATERHOUSE, F.C.A. } *Auditors.*

January 13th, 1905.

Dr. GENERAL BALANCE SHEET OF

LIABILITIES.

	£ s. d.	£ s. d.
To College General Capital Account*.		
Balance, 31*st August*, 1903	159,029 13 2	
Add: Donation from the Drapers' Company towards reduction of debt (in response to appeal for Equipment and Endowment Fund)	30,000 0 0	
	189,029 13 2	
Deduct : *Balance of College Establishment Account*, being the excess of Expenditure over Receipts for the year. (See Account, page)	1,940 6 3	
		187,089 6 11
To Trust Funds Account, as below		2,764 0 2
To Loan from Equipment and Endowment Fund Committee		5,500 0 0
To Hospital Dividends and Fees Account		872 1 1
To Annual Subscriptions received in advance		170 0 0
To Sundry Outstanding Accounts and Balance of Grants in hand.		
Chadwick Trust	347 4 10	
Physics Apparatus	44 6 2	
Indian School Grant	47 0 9	
Drapers' Company's Grant	343 19 5	
Apparatus and Keys deposits	112 6 10	
Masters' Salaries Suspense Account	93 7 2	
College Composition Fees Suspense Account	220 10 0	
Library Duplicate Fund	78 16 0	
Sundry Accounts	76 13 1	
		1,364 4 3
		£197,759 12 5

* Exclusive of Equipment and Endowment Fund in course of collection.

TRUST FUNDS.—BALANCE

	£ s. d.	£ s. d.	£ s. d.
To College Trust Funds Capital Account.			
Balance 31*st August*, 1903		301,877 17 8	
Add Donations &c. during the year:—			
„ Tapson Bequests 4,053 8 2			
Less Balance of Legal Expenses 270 6 0			
	3,783 2 2		
„ Bayliss Fund	1,100 0 0		
„ Women's History Fund	219 17 9		
„ Kate Griffith Bequest	1,560 0 0		
	6,662 19 11		
„ sundry Dividends invested (see below)	605 16 1		
„ amounts transferred from School and Branch School Fees Accounts, and invested	84 0 0		
„ Subscriptions to Retired Masters' Fund invested	13 8 0		
		7,366 4 0	
To Hospital Trust Funds Capital Account.			309,244 1 8
Balance 31*st August*, 1903		148,175 5 6	
Add Bequests &c. received during the year		5,475 0 1	
			153,650 5 7
To College Trust Funds Income Account.			
Balance 31*st August*, 1903, being the sum of the Balances on Income Account at that date		3,175 4 1	
Less Invested as above		605 16 1	
		2,569 8 0	
Add Excess of Income over Expenditure during the year (see Account, page 63)		194 12 2	
Balance 31st August, 1904, after deducting £54 15*s.* 7*d.* in respect of overdrawn accounts			2,764 0 2
			£465,658 7 5

COLLEGE, LONDON.

THE COLLEGE, 31st AUGUST, 1904. *Cr.*

ASSETS.

	£ s. d.	£ s. d.
By College Freehold Land, Buildings, Furniture, Library, etc., being the *Land with the Buildings of the College* and the Buildings Extensions, at the approximate valuation of 31st August, 1897	.....	186,000 0 0
By College Investments as per List annexed, at the approximate valuation of 31st August, 1897, but of a present value of about £3,614	.....	4,414 8 9
By Gower Street Houses. Cost as at 31st August, 1895	.....	4,500 0 0
By School Athletic Ground.—Eve Memorial Trust. Loan to the Trust	.....	1,242 15 2
By Refreshment Department, plant, &c.	.....	284 9 9
By Sundry outstanding Accounts.		
London County Council	334 3 9	
Chemistry Organic Account: Institution Expenditure to date £1,338 15*s.* 8*d.* less Subscriptions and £200 written off	783 15 8	
Medical Entrance Exhibitions ..... (Expenditure	70 11 9	
Pathological Museum and Catalogues. in suspense.)	39 0 4	
		1,227 11 6
By Cash at Bankers	12 7 9	
„ in hand	77 19 6	
		90 7 3
		£197,759 12 5

SHEET, 31st AUGUST, 1904.

	£ s. d.
By College Trust Funds as per List annexed, standing in the books at a balance of total cost of ..... but, at valuations within the market prices of the day, of an approximate value of £311,200.	309,244 1 8
By Hospital Investments, as per List annexed, standing in the books at a balance of total cost of ..... but, at valuations within the market prices of the day, of an approximate value of £167,200.	153,650 5 7
By Balance owing by College General Account	2,764 0 2
	£465,658 7 5

JOHN HENNELL.
GEORGE A. AITKEN.
EDWIN WATERHOUSE, F.C.A. } *Auditors.*

January 13th, 1905.

INVESTED FUNDS (College). 31st August, 1904.

	1. Consols 2½ %.	2. Bank Stock.	3. Metropolitan 3 %.	4. Metropolitan 3½ %.	5. Indian 3½ %.	6. Birmingham 3 %.	7. Liverpool 3½ %.	8. Nottingham 3 %.	9. Portsmouth 2¾ %.	10. Swansea 3 %.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£	£ s. d.
Bacon										
Brundrett			1,109 10 10							
Cama										
College										
Hebb			416 15 6							
Andrews Scholarships				5,686 5 0						
Astor Professorships	21,149 18 11									
Atchison Scholarship			3,938 0 8							
Do. Accumulation of Dividends			62 12 10							
Atkinson-Morley Scholarship				4,428 1 0						
Do. Accumulation of Dividends			133 0 0	553 6 11						
Barlow Lectureship	1,000 0 0									
Do. Accumulation of Dividends			19 19 9							
Bayliss Scholarship										
Berridge										9,933 1 7
Bruce Medal										
Bucknill								1,391 19 9	2,000	
Campbell Clarke Scholarship										
Carpenter Prize										
Case Exhibition and Prize										
Cluff Memorial Prize										
Cook Prize				161 6 6						
De Moleyns	601 9 3									
Derby Scholarship								1,987 10 6		
Edwards Professorship										
Ellen Watson Scholarship			178 11 5		347 16 6					
Emanuel Prize							150 0 0			
Erichsen Prize										
Fellowes Medal			508 1 9							
Do. Accumulation of Dividends			93 9 6							
Fielden Professors and Scholars										
Filliter Exhibition				991 17 0						
Goldsmid Professorships			3,267 6 0							
Goldsmid, Sir F. H., Bart.			25,493 1 6							
Grant (Zool. Library)			2,201 8 0							
Griffith										
Grote Professorship										
Hawkes-Tucker Prize								145 17 0		
Heimann Medal				50 0 0						
Hollier Scholarships	4,907 11 10									
Do. Examination	1,200 0 0									
Holloway Exhibitions				2,217 5 0						
Do. Accumulation of Dividends				105 6 1						
Holme		2,700	138 19 0							
Horton Scholarship								709 14 2		
Hume Memorial Scholarships			180 8 0	1,247 17 0						
Do. Accumulation of Dividends			151 6 0	70 14 6						
Jews' Commemoration Scholarship	1,000 0 0									
Do. Do. Accumulation of Dividends				200 0 0						
Jodrell Physiology Professorship							7,562 13 11			
Do. Zoology Professorship					7,220 4 4					
Lewis Prize								101 10 3		
Library Deposit			88 13 0	76 13 6	90 9 3					
Liston Medal			302 0 6							
Do. Accumulation of Dividends			204 18 9							
Malden Medal and Scholarship			230 12 9	470 6 10						
Mayer de Rothschild Exhibition										
Melvill Nettleship Prize										
Mill Scholarship										
Morley Medal								22 7 6		
Morris Bursary			35 9 5							
Morris Prize			100 17 8							
Newmarch Lectureship										
Peel	1,745 15 1									
Peene				1,480 16 6						
Pender Professorship		1,381 15 0								
Postgate			17 7 2							
Quain	5,590 2 11									
Quain Law						1,107 9 7				
Retired Masters			2,605 3 8					209 6 2		
Retired Professors	1,301 3 9		1,994 12 9					1154 1 2		
Ricardo Scholarship				569 15 0						
Do. Do. Accumulation of Dividends				701 18 8						
Robinson Crabb (Flaxman)										
Savage Prize								152 5 5		
Schäfer Memorial			205 1 2							
School Science Exhibition, &c.			596 0 8							
Sharpey Scholarship			129 0 6							
Slade Professorship					6,620 2 8					
Do. Scholarships					9,135 4 1					
Do. Prizes					2,108 9 3					
Tapson Exhibitions		418 2 5								
Do. Scholarships		231 12 11								
Thompson-Yates										
Trevelyan Goodall Scholarship										
Tuffnell Scholarships					4,950 9 11					
Tuke Memorial										
Warr Bursary			100 17 8							
West Scholarship										
Women's History		72 2 4								
Yates Archæology Professorship										
Do. Geology Professorship										
" "										
	38,496 1 9	4,803 12 8	44,503 6 5	19,011 9 6	30,472 16 0	1,107 9 7	7,712 13 11	5,874 11 11	2,000	9,933 1 7
Endowment and Equipment Account*	7,946 6 10									

	11. Scinde Railway Annuity B.	12. East-Indian Railway Annuity B.	13. Great Central Railway 4½ %.	14. Great Eastern 4 %.	15. Great Indian Pen. Annuity Class B.	16. Great Northern 4 %.	17. Great Western 5 %.	18. Hammersmith and City.	19. Lancashire and Yorkshire 3 %.	20. London, Brighton, & South Coast Railway 4½ %.	21. London and North-Western.	22. London and South-Western.	23. Metrop. Dist. 6 %.	24. Midland 2½ %.
	£ s. d.	£	£	£	£ s. d.	£	£	£	£	£	£ s. d.	£ s. d.	£	£ s. d.
Bacon														
Brundrett														
Cama														
College														
Hebb														
Andrews Scholarships														
Astor Professorships														
Atchison Scholarship														
Do. Accumulation of Dividends														
Atkinson-Morley Scholarship														
Do. Accumulation of Dividends														
Barlow Lectureship														
Do. Accumulation of Dividends														
Bayliss Scholarship							1,100 (a)							
Berridge														
Bruce Medal														
Bucknill											333 6 8 (c)			
Campbell Clarke Scholarship														
Carpenter Prize												1,500 0 (c)		
Case Exhibition and Prize														
Cluff Memorial Prize											669 0 (e)			
Cook Prize											266 13 4 (c)			
De Moleyns														
Derby Scholarship														
Edwards Professorship		57		2,415										
Ellen Watson Scholarship														
Emanuel Prize														
Erichsen Prize														
Fellowes Medal											380 0 (e)			
Do. Accumulation of Dividends														
Fielden Professors and Scholars														
Filliter Exhibition														
Goldsmid Professorships														
Goldsmid, Sir F. H., Bart.		297			267 2 0									
Grant (Zool. Library)														
Griffith														
Grote Professorship														
Hawkes-Tucker Prize											7,423 6 8 (c)			
Heimann Medal														
Hollier Scholarships														
Do. Examination														
Holloway Exhibitions														
Do. Accumulation of Dividends														
Holme	183 3 0													
Horton Scholarship														
Hume Memorial Scholarships														
Do. Accumulation of Dividends														
Jews' Commemoration Scholarship														
Do. Do. Accumulation of Dividends														
Jodrell Physiology Professorship														
Do. Zoology Professorship														
Lewis Prize														
Library Deposit	1 2													
Liston Medal														
Do. Accumulation of Dividends														
Malden Medal and Scholarship														
Mayer de Rothschild Exhibition					66 15 6									
Melvill Nettleship Prize														
Mill Scholarship													333	
Morley Medal														
Morris Bursary												470 0 (d)		
Morris Prize														
Newmarch Lectureship														
Peel														
Peene														
Pender Professorship														
Postgate														
Quain			1,000		588 19 11	3,375	2,000	4,000				2,666 0 (c)		9,440 0 0
Quain Law									3,333					4,550 0 0
Retired Masters							1,000							
Retired Professors							2,100							
Ricardo Scholarship														
Do. Do. Accumulation of Dividends														
Robinson Crabb (Flaxman)							1,800							
Savage Prize														
Schäfer Memorial														
School Science Exhibition, &c.														
Sharpey Scholarship					48 1 9									1,942 8 0
Slade Professorship														
Do. Scholarships														
Do. Prizes														
Tapson Exhibitions														
Do. Scholarships										700				
Thompson-Yates														811 1 11
Trevelyan Goodall Scholarship														
Tuffnell Scholarships				50										
Tuke Memorial														
Warr Bursary							600							
West Scholarship														
Women's History														
Yates Archæology Professorship											3,842 0 (a)			
Do. Geology Professorship											375 0 (e)			
" "														
	183 4 2	354	1,000	2,465	970 19 2	3,375	8,600	4,000	3,333	700	13,289 6 8	4,636 0 0	333	16,743 9 11

	25. North London.	26. Railway Invest. Co. Limited 4 %.	27. South-Eastern.	28. Cardiff Railway Debenture 3 %.	29. Eadie Brewery 4 %.	30. European Petroleum Co. Limited £1 Pref. Shares.	31. Sheffield Corporation 3 % Stock.	32. Elmore's Trust Lim. £1 Ord. Shares.	33. Canadian 4 % Stock.	34. Birmingham Canal Navigation 4 %.	35. Caledonian Railway 4 %.	36. Guaranteed 2¾ %.	37. Nantyglo and Blaina Ironworks Co. 8 %.	38. Calico Printers' Association 4 %.
	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£
Bacon														
Brundrett														
Cama														
College												1,036 13 8		
Hebb														
Andrews Scholarships												96 11 6		
Astor Professorships												1,699 13 0		
Atchison Scholarship														
Do. Accumulation of Dividends														
Atkinson-Morley Scholarship														
Do. Accumulation of Dividends														
Barlow Lectureship														
Do. Accumulation of Dividends														
Bayliss Scholarship														
Berridge														
Bruce Medal														
Bucknill														
Campbell Clarke Scholarship														
Carpenter Prize			2,000 (c)			333		37½						
Case Exhibition and Prize														
Cluff Memorial Prize									25					
Cook Prize														
De Moleyns														
Derby Scholarship														
Edwards Professorship														
Ellen Watson Scholarship														
Emanuel Prize														
Erichsen Prize														
Fellowes Medal														
Do. Accumulation of Dividends														
Fielden Professors and Scholars														
Filliter Exhibition			4,000 (g)											
Goldsmid Professorships														
Goldsmid, Sir F. H., Bart.														
Grant (Zool. Library)														
Griffith														
Grote Professorship														
Hawkes-Tucker Prize													1,312 10 0	100
Heimann Medal														
Hollier Scholarships														
Do. Examination														
Holloway Exhibitions														
Do. Accumulation of Dividends														
Holme														
Horton Scholarship														
Hume Memorial Scholarships												14,211 13 3		
Do. Accumulation of Dividends														
Jews' Commemoration Scholarship														
Do. Do. Accumulation of Dividends														
Jodrell Physiology Professorship														
Do. Zoology Professorship														
Lewis Prize														
Library Deposit														
Liston Medal														
Do. Accumulation of Dividends														
Malden Medal and Scholarship														
Mayer de Rothschild Exhibition														
Melvill Nettleship Prize					100									
Mill Scholarship														
Morley Medal														
Morris Bursary														
Morris Prize														
Newmarch Lectureship		1,524												
Peel														
Peene														
Pender Professorship														
Postgate							50							
Quain				8,320										
Quain Law			3,000 (f)									1,368 12 4		
Retired Masters														
Retired Professors										840 8 10				
Ricardo Scholarship														
Do. Do. Accumulation of Dividends														
Robinson Crabb (Flaxman)														
Savage Prize														
Schäfer Memorial														
School Science Exhibition, &c.														
Sharpey Scholarship														
Slade Professorship												566 16 0		
Do. Scholarships														
Do. Prizes														
Tapson Exhibitions														
Do. Scholarships										159 11 2	131 16 3			
Thompson-Yates														
Trevelyan Goodall Scholarship														
Tuffnell Scholarships														
Tuke Memorial														
Warr Bursary														
West Scholarship														
Women's History														
Yates Archæology Professorship	5,402 (a)													
Do. Geology Professorship	1,000 (b)													
" "														
	6,402	1,524	9,000	8,320	100	333	50	37 10	25	1,000 0 0	131 16 3	18,979 19 9	1,312 10 0	100

Standing at a Book value of £4,414 8s. 9d., but, at valuations within the market prices of the day, of an approximate value of £3,614.

Standing at a Book value of £309,244 1s. 8d., but, at valuations within the market prices of the day, of an approximate value of £311,200.

* This amount has been purchased in the name of the College by the Committee of the Endowment and Equipment Fund, but has not yet been transferred to the Council.

(a) Stock. (b) Preference Stock. (c) 3 %. (d) 3½ %. (e) 4 %. (f) 4½ %. (g) 5 %.

INVESTED FUNDS (Hospital). 31st August, 1904.

	1. Consols 2½ %.	2. Bank Stock.	3. Metropolitan 3 %.	4. Metropolitan 3½ %.	5. Indian 3 %.	6. Indian 3½ %.	7. New South Wales.	8. Nottingham 3 %.	9. Scinde Railway Annuity B.	10. East Indian Railway Annuity B.	11. Great Central Railway 4¼ %.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s.	£
For special purposes	2,862 10 3	4,026 5 2	27,959 0 10		5,769 17 3	2,972 15 2	3,625 9 10 (b) 685 4 4 (c)	2,202 8 7	104 17 0	100 5	870
general "	31,206 5 8										
Yates's Bequest*		3,301 6 6	36,541 14 11	512 12 11				594 15 4	58 18 3		
	34,068 15 11	7,327 11 8	64,500 15 9	512 12 11	5,769 17 3	2,972 15 2	4,310 14 2	2,797 3 11	163 15 3	100 5	870

	12. Great Eastern 4 %.	13. Great Indian Peninsula.	14. Great Northern 3 %.	15. Great Western 5 %.	16. Lancashire and Yorkshire 4 %.	17. London, Brighton, and S. Coast 5 %.	18. London and North-Western 3 %.	19. Local Loans 3 %.	20. London County Council 3 %.	21. Caledonian Railway 4 %.
	£	£ s. d.	£ s. d.	£	£	£	£ s. d.	£ s. d.	£ s. d.	£ s. d.
For special purposes	340	66 15 6 (d) 1,500 0 0 (b)		275			1,000 13 4	999 6 6	6,528 19 4	1,868 3 9
general "										
Yates's Bequest*			10,666 13 4		1,725	768			991 14 5	
	340	1,566 15 6	10,666 13 4	275	1,725	768	1,000 13 4	999 6 6	7,520 13 9	1,868 3 9

Standing at a Book value of £153,650 5s. 7d., but, at valuations within the market prices of the day, of an approximate value of £167,200.

(a) 5 %. (b) 4 %. (c) 3½ %. (d) Annuity Class B.

* One-half of the income of this Bequest is for General Purposes, and the other half for the Samaritan Fund.

January 13th, 1905.

JOHN HENNELL.
GEORGE A. AITKEN.
EDWIN WATERHOUSE, F.C.A. } *Auditors.*